

Appendix for 15.247

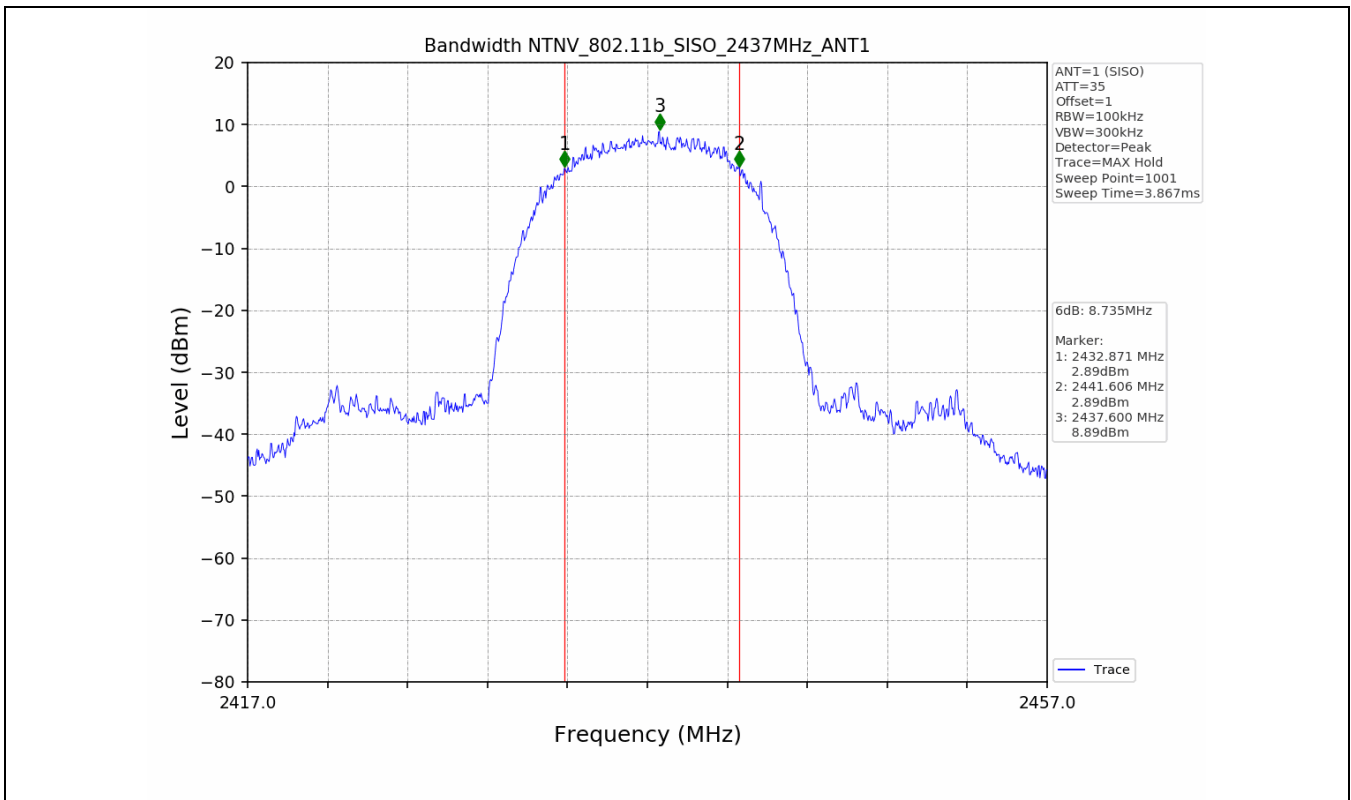
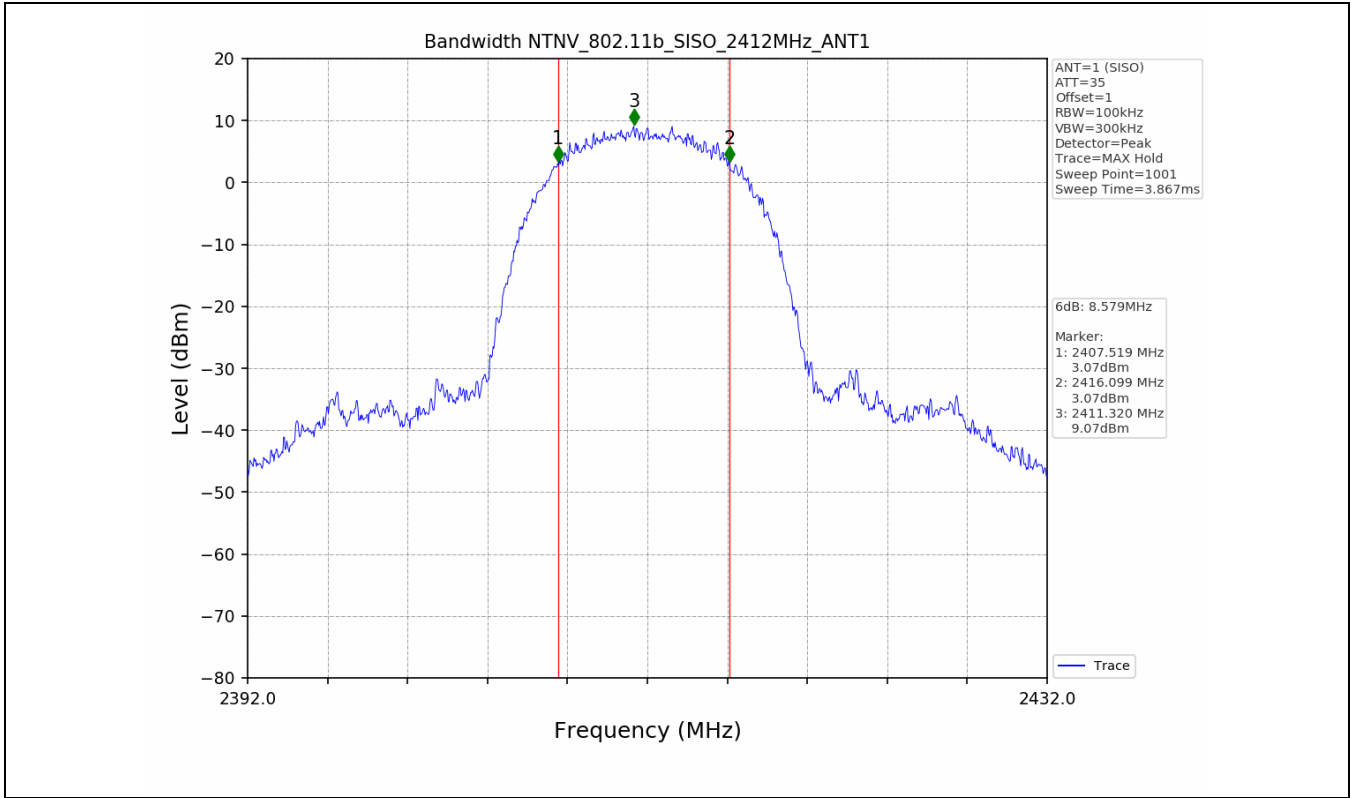
1. Bandwidth

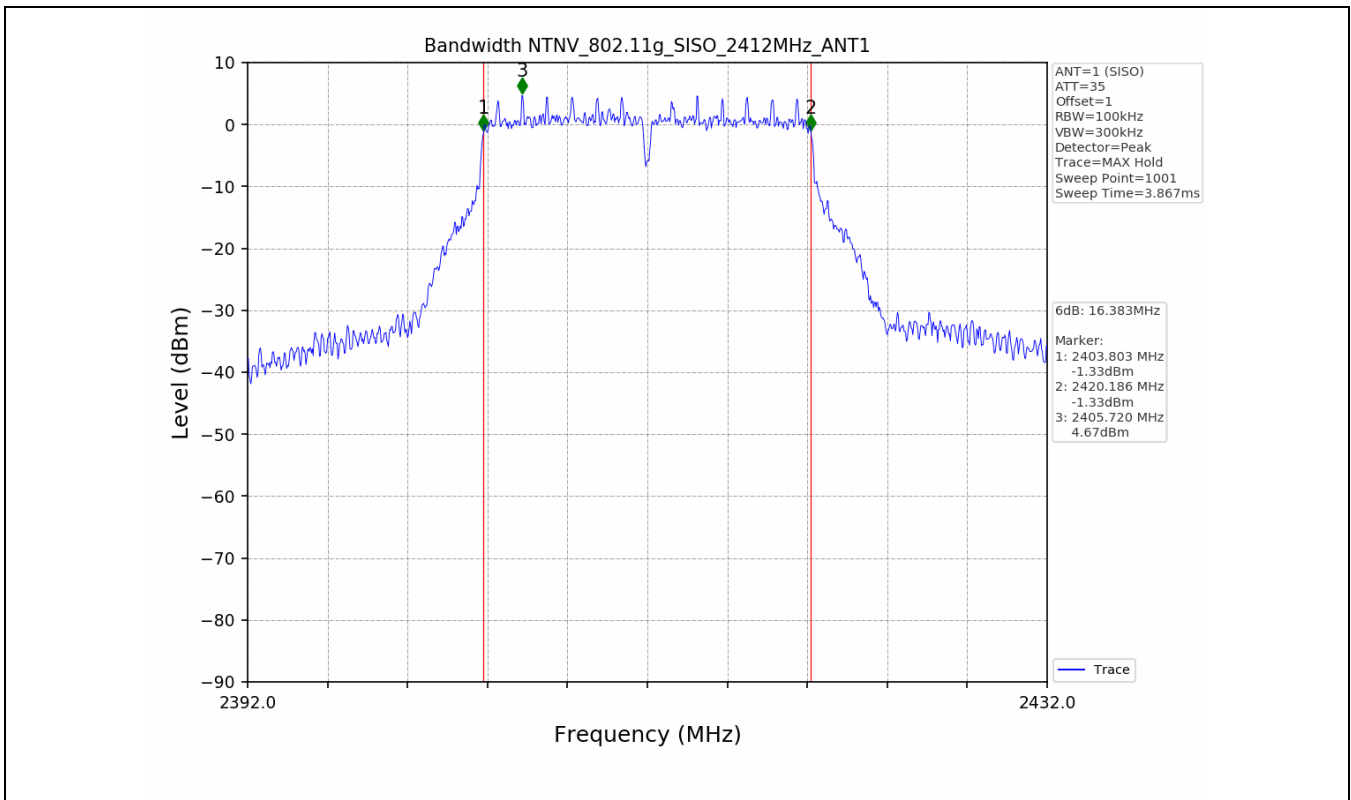
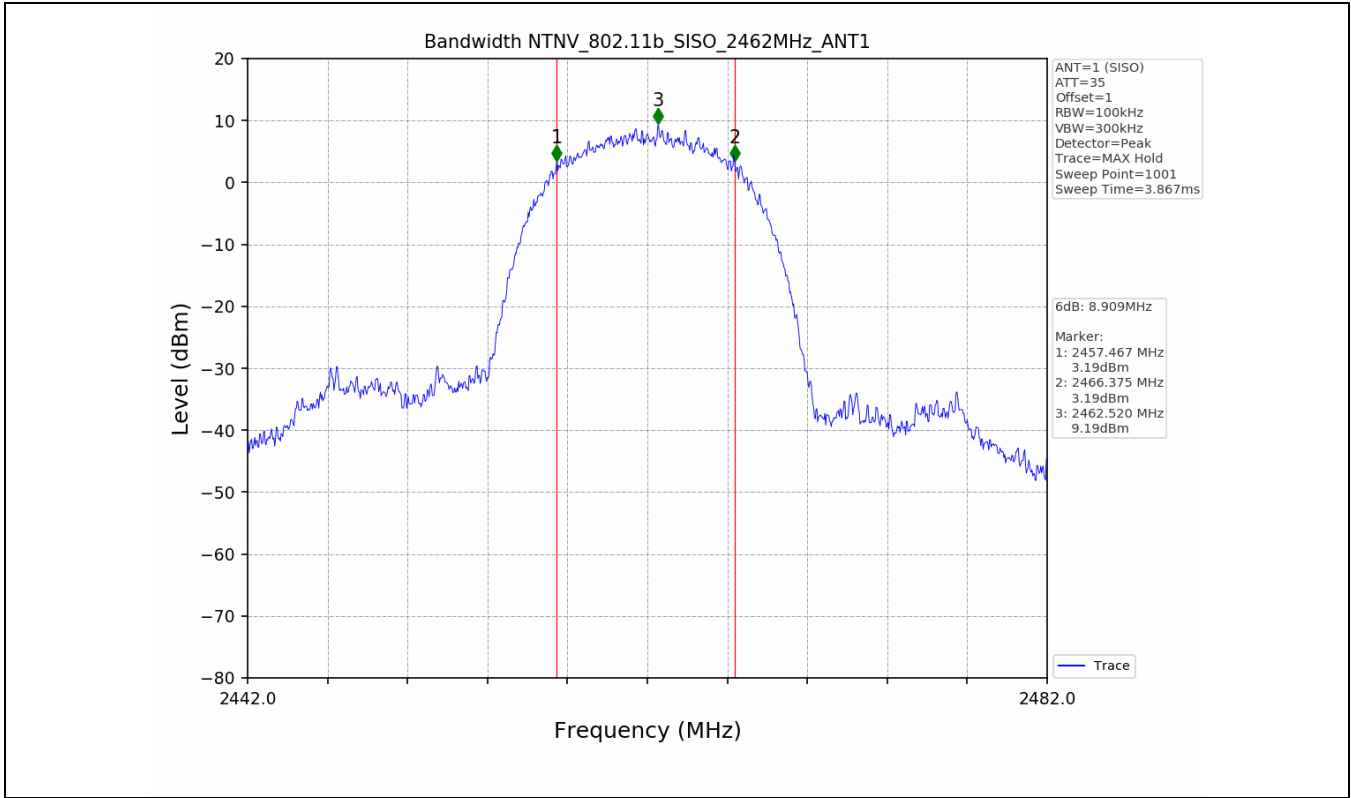
1.1 Test Result

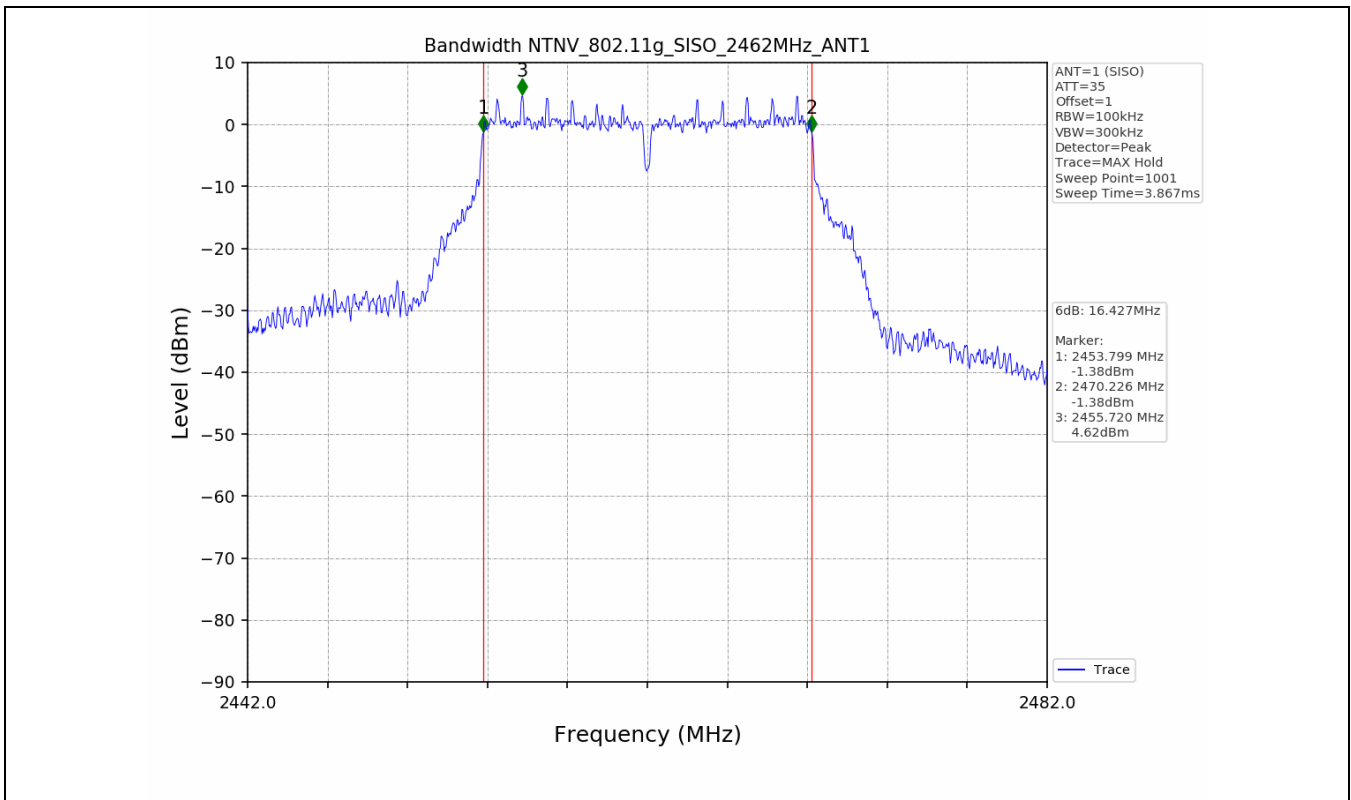
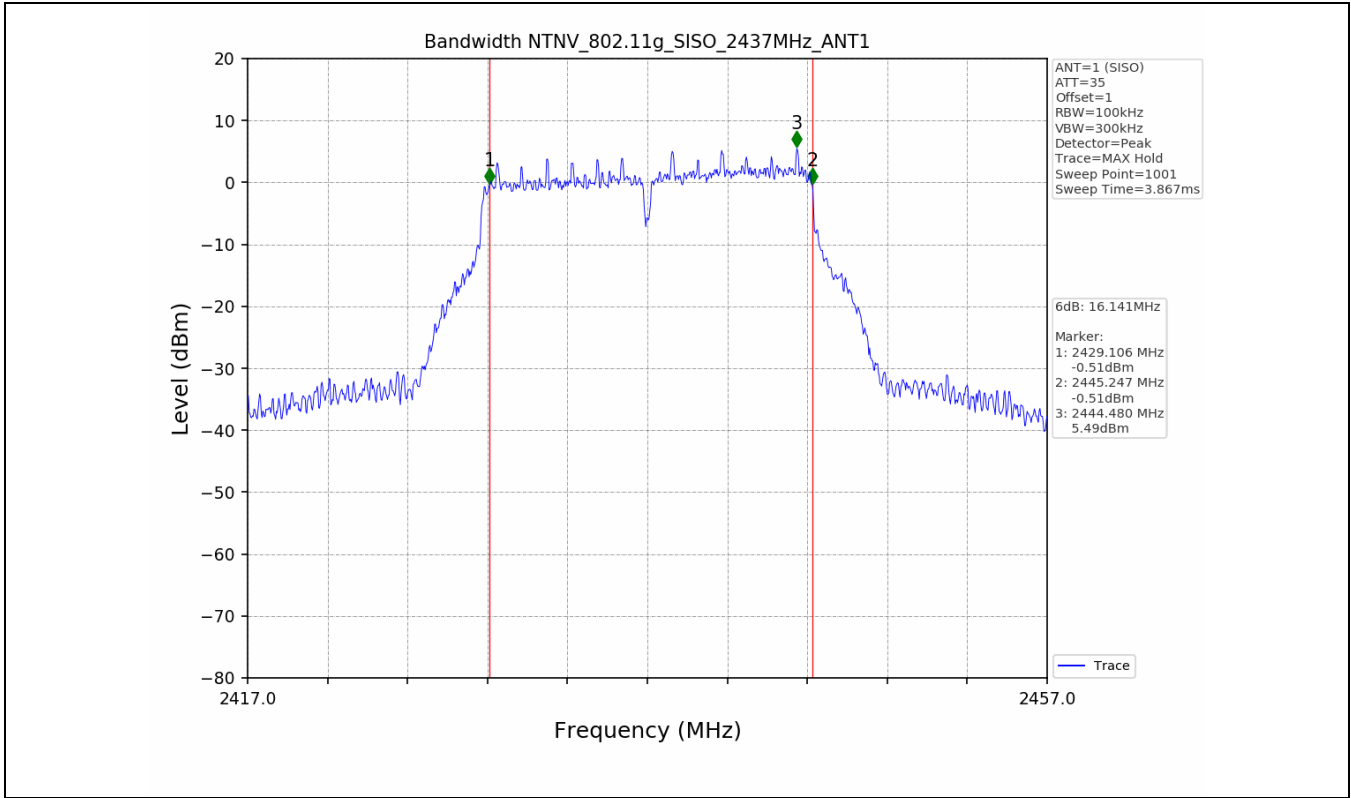
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.579	≥0.5	PASS
	2437	SISO	1	8.735	≥0.5	PASS
	2462	SISO	1	8.909	≥0.5	PASS
802.11g	2412	SISO	1	16.383	≥0.5	PASS
	2437	SISO	1	16.141	≥0.5	PASS
	2462	SISO	1	16.427	≥0.5	PASS
802.11n(HT20)	2412	MIMO	1	17.581	≥0.5	PASS
	2437	MIMO	1	17.009	≥0.5	PASS
	2462	MIMO	1	17.646	≥0.5	PASS

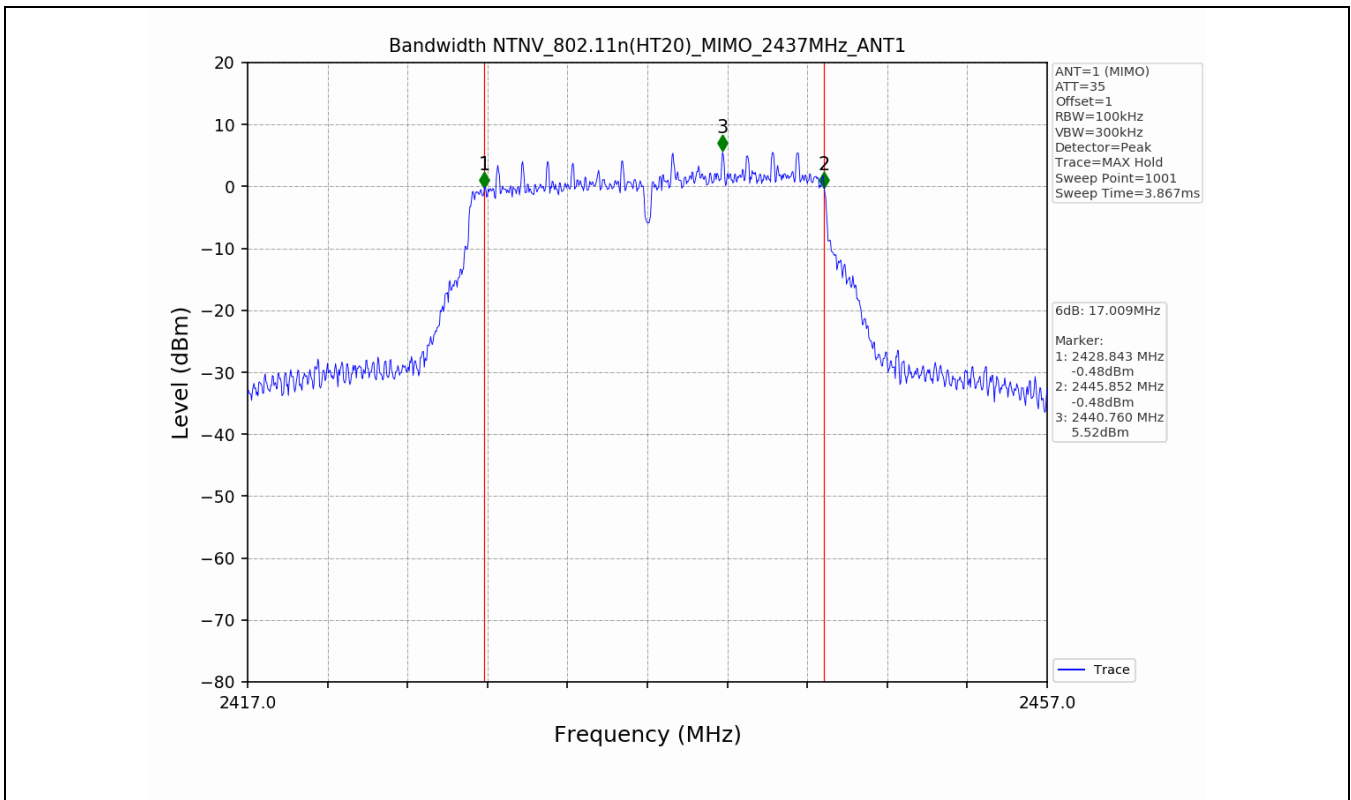
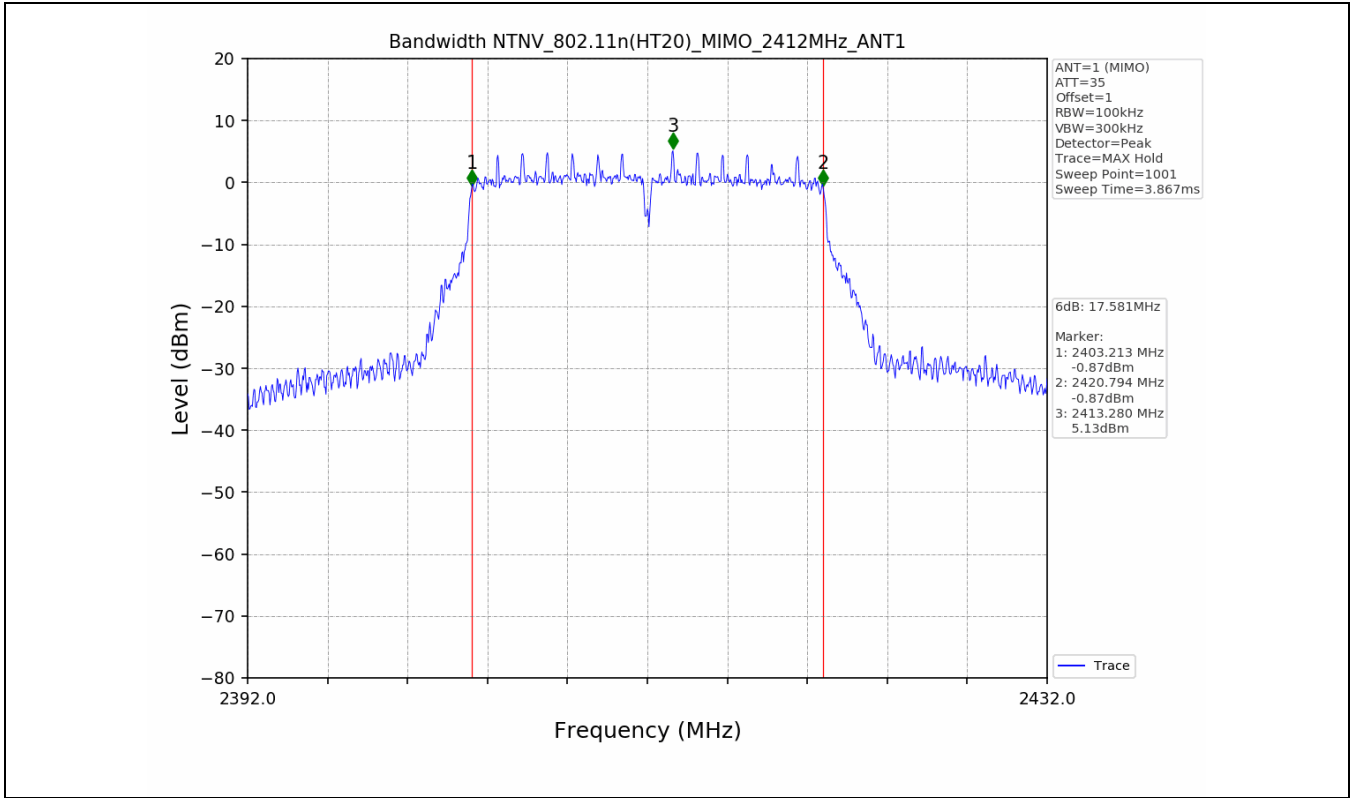
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	11.574	Only for Report Use
	2437	SISO	1	11.646	Only for Report Use
	2462	SISO	1	11.619	Only for Report Use
802.11g	2412	SISO	1	17.049	Only for Report Use
	2437	SISO	1	17.162	Only for Report Use
	2462	SISO	1	17.375	Only for Report Use
802.11n(HT20)	2412	MIMO	1	18.194	Only for Report Use
	2437	MIMO	1	18.274	Only for Report Use
	2462	MIMO	1	18.530	Only for Report Use

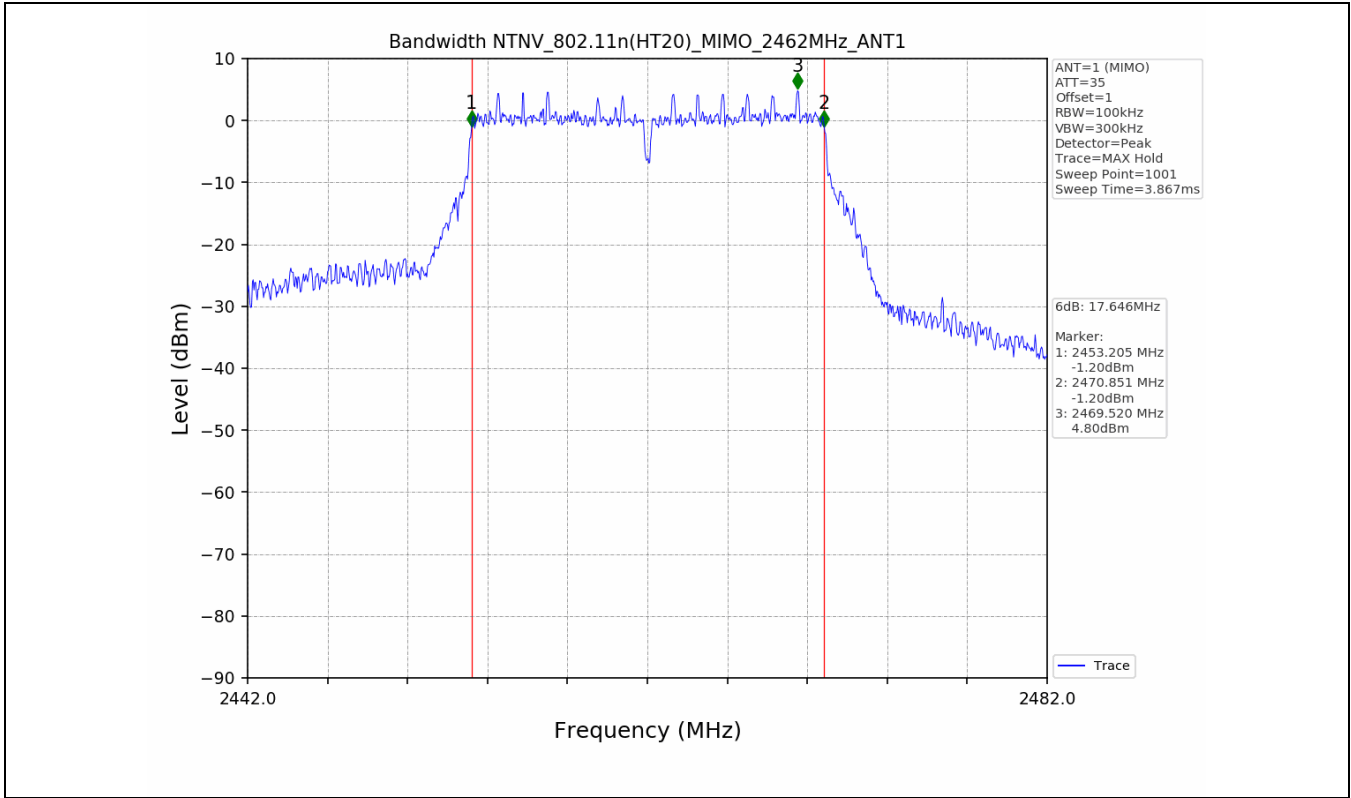
1.2 Test Graph - 6dB Bandwidth



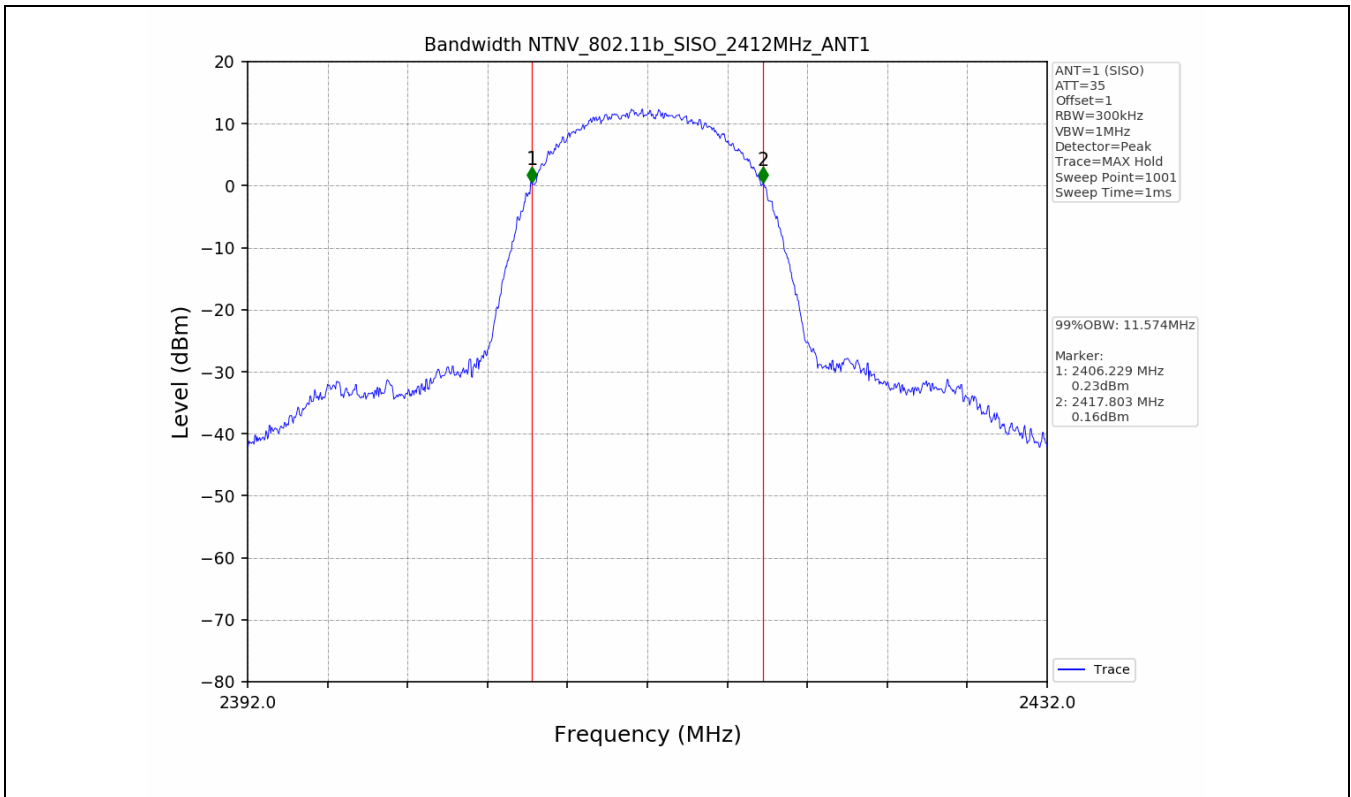


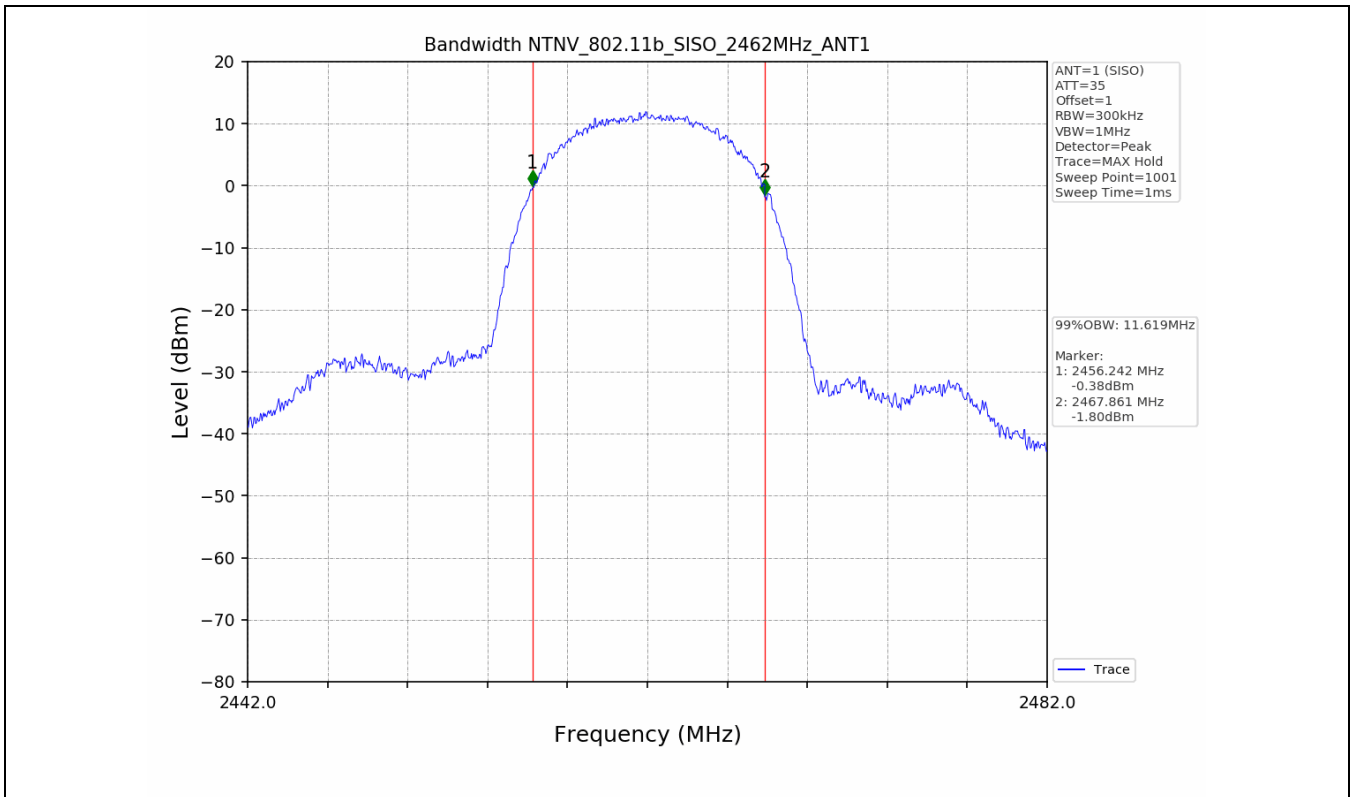
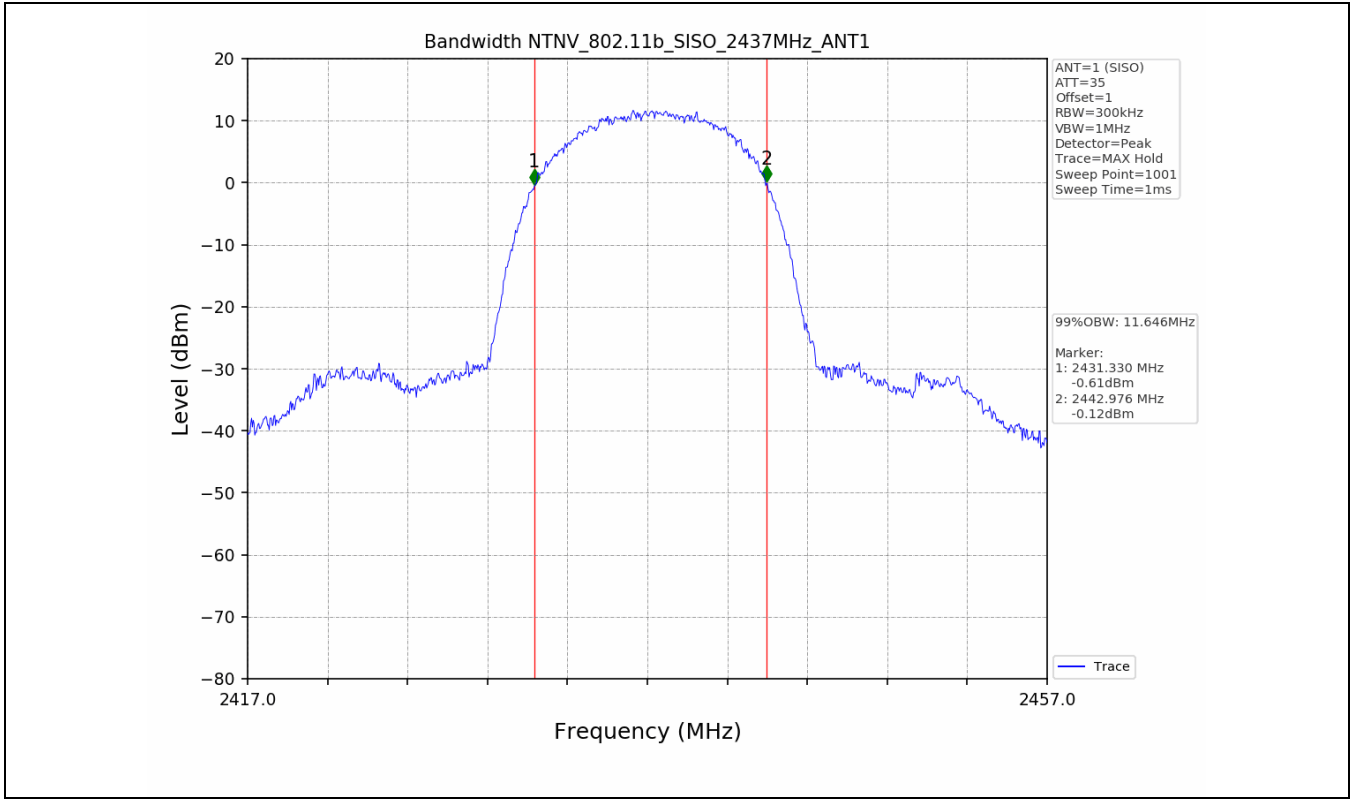


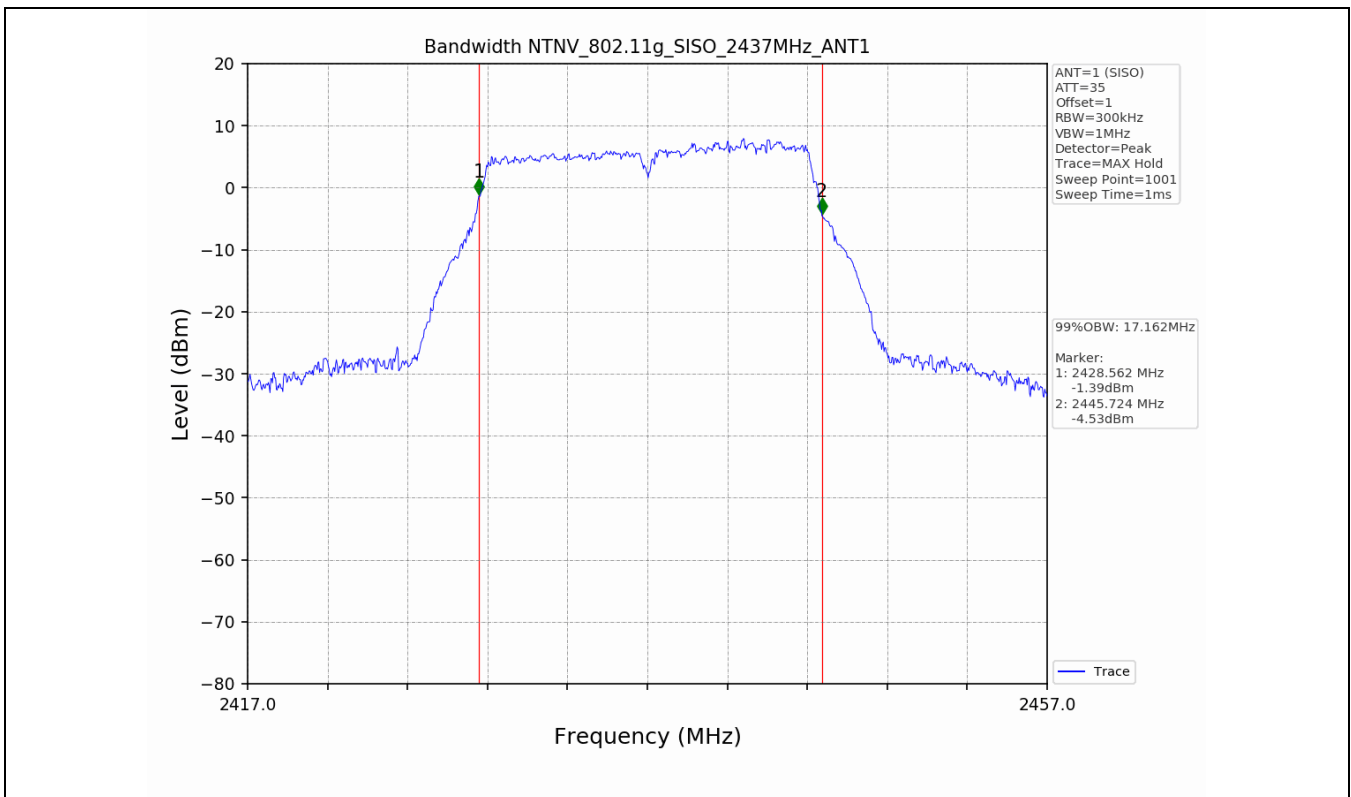
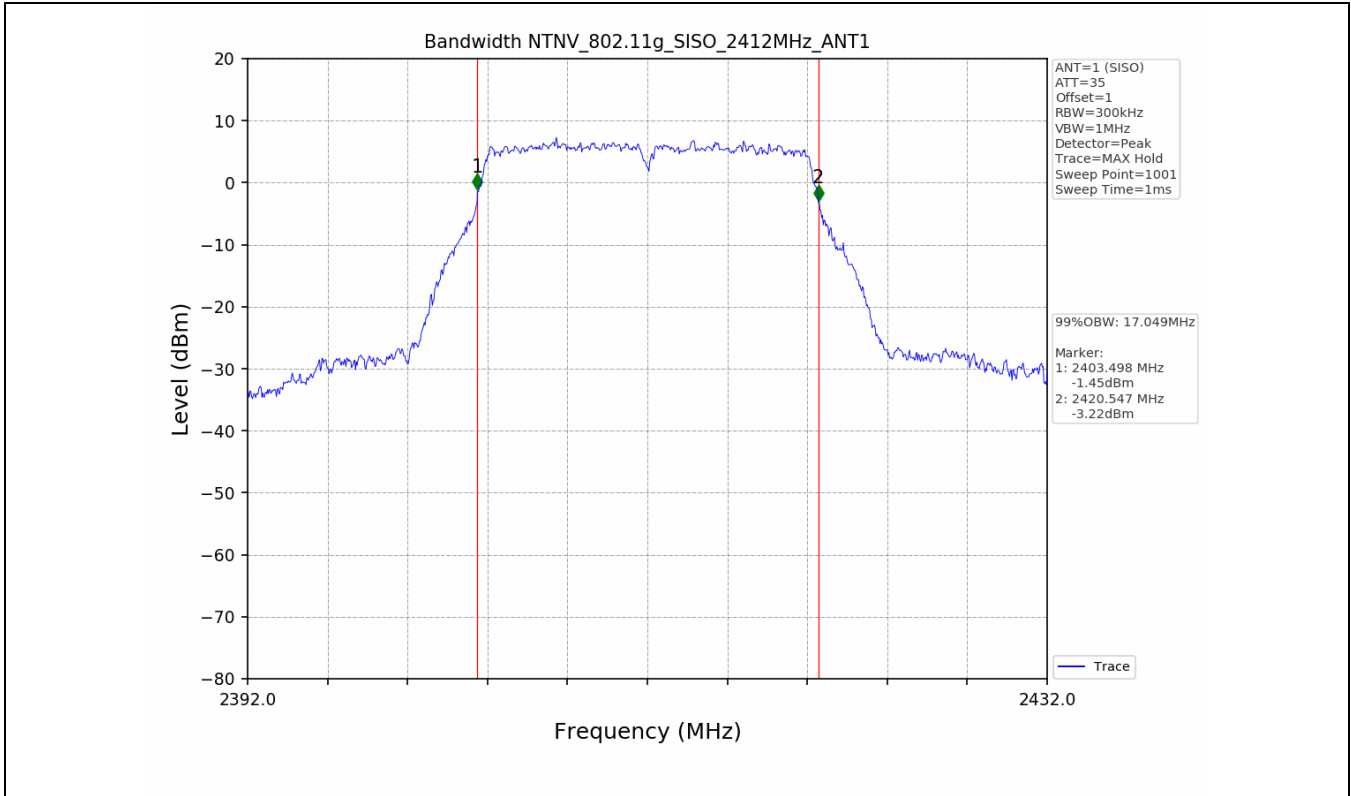


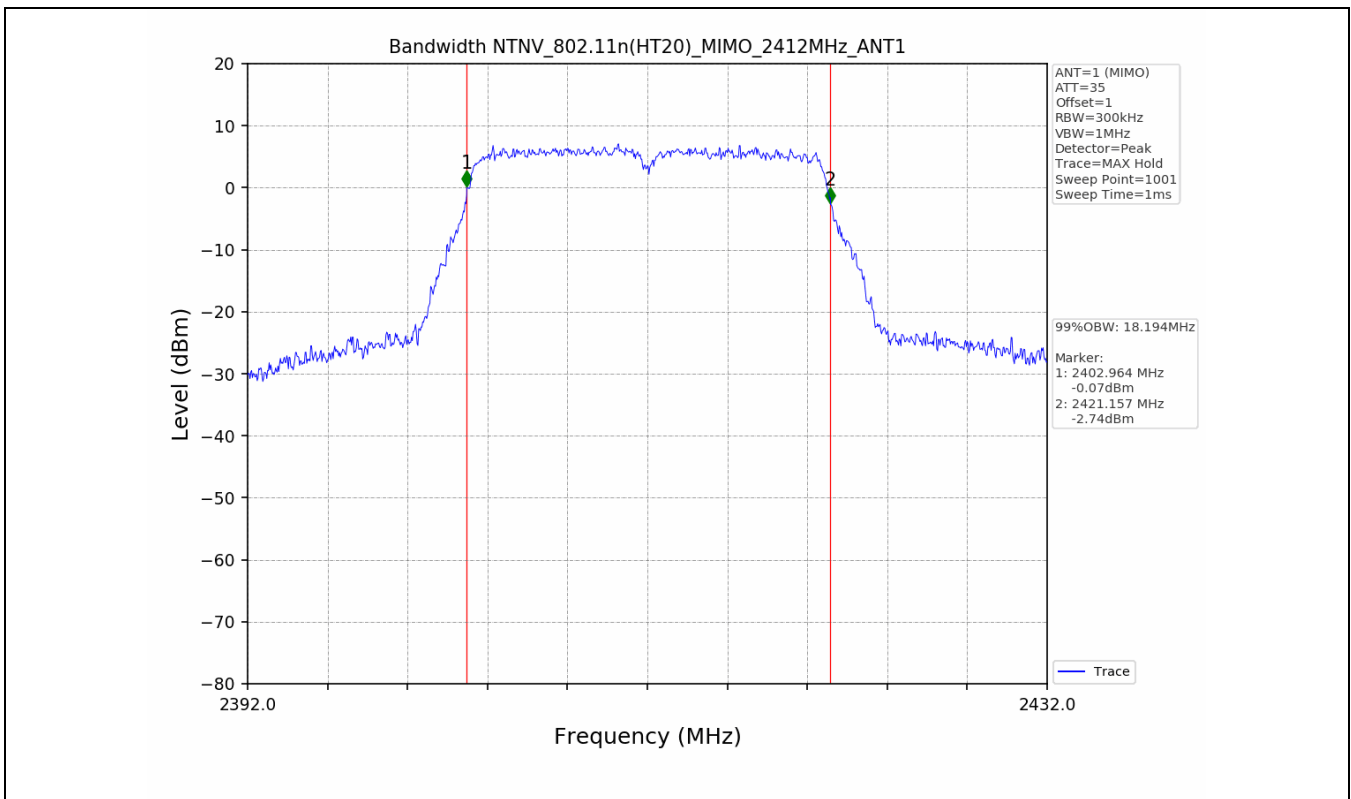
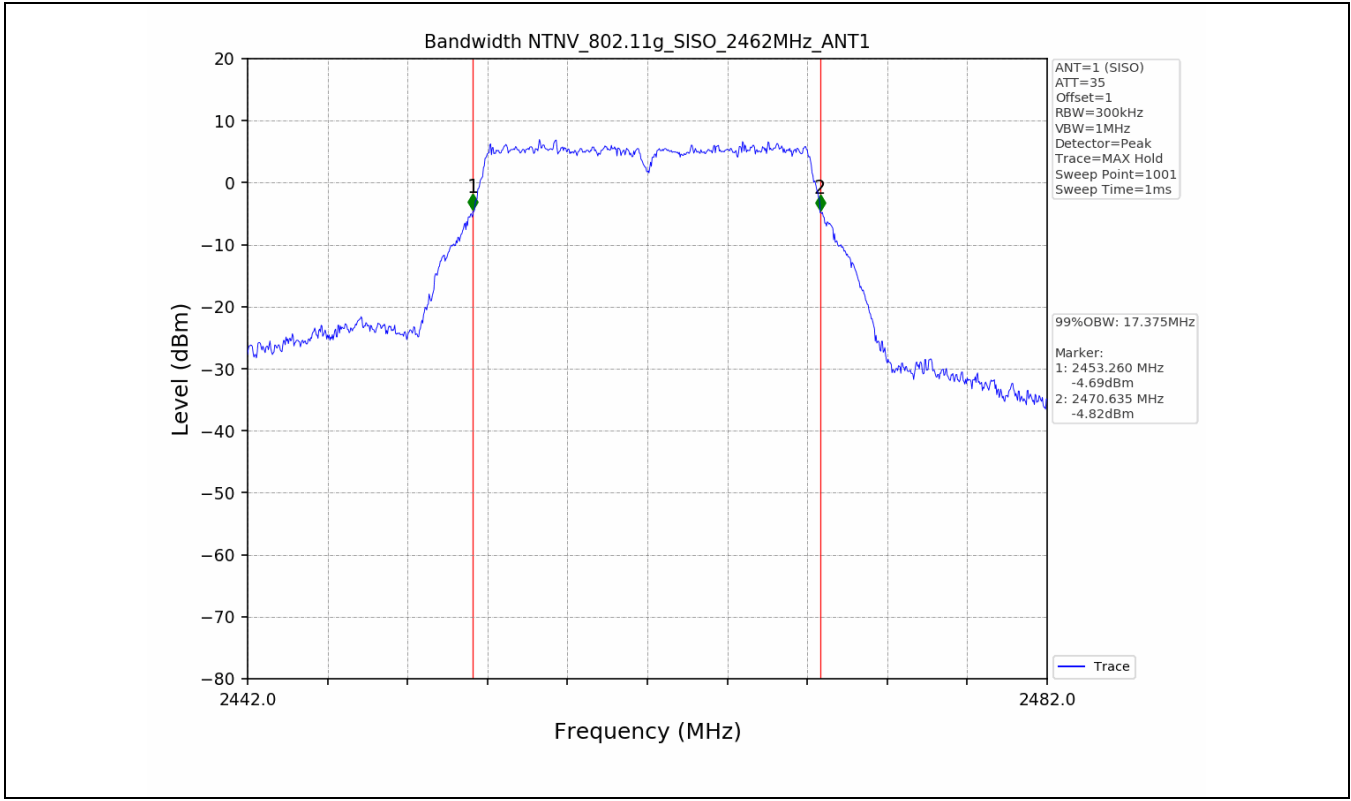


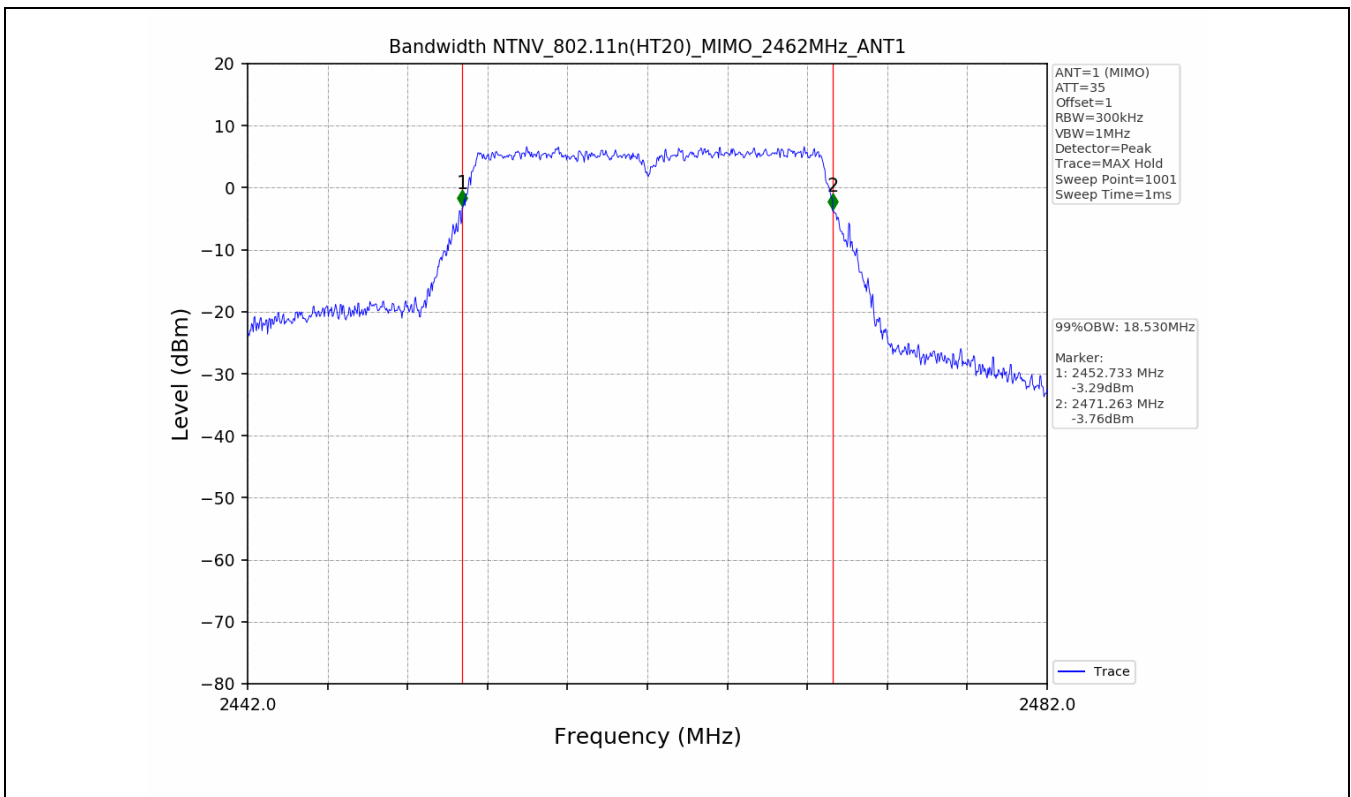
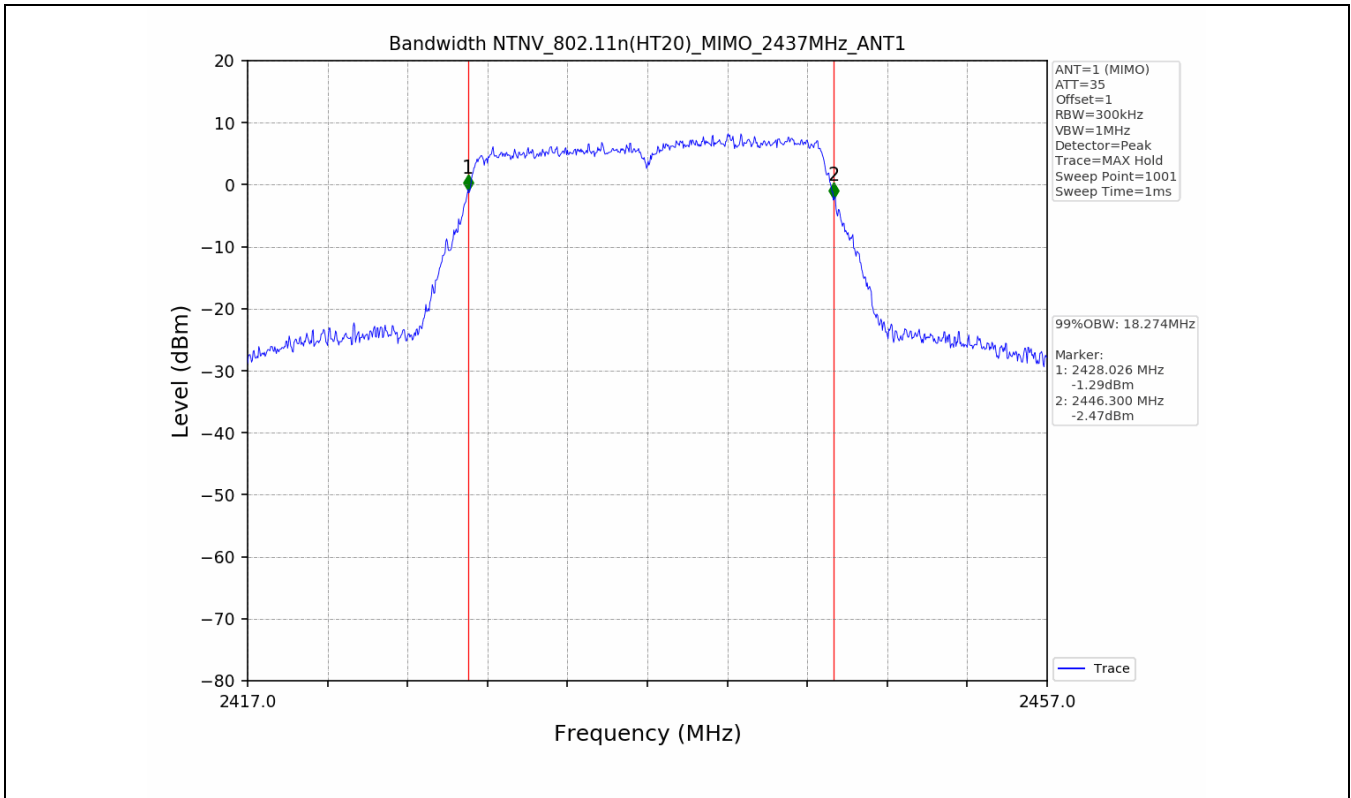
1.3 Test Graph - 99% Occupied Bandwidth









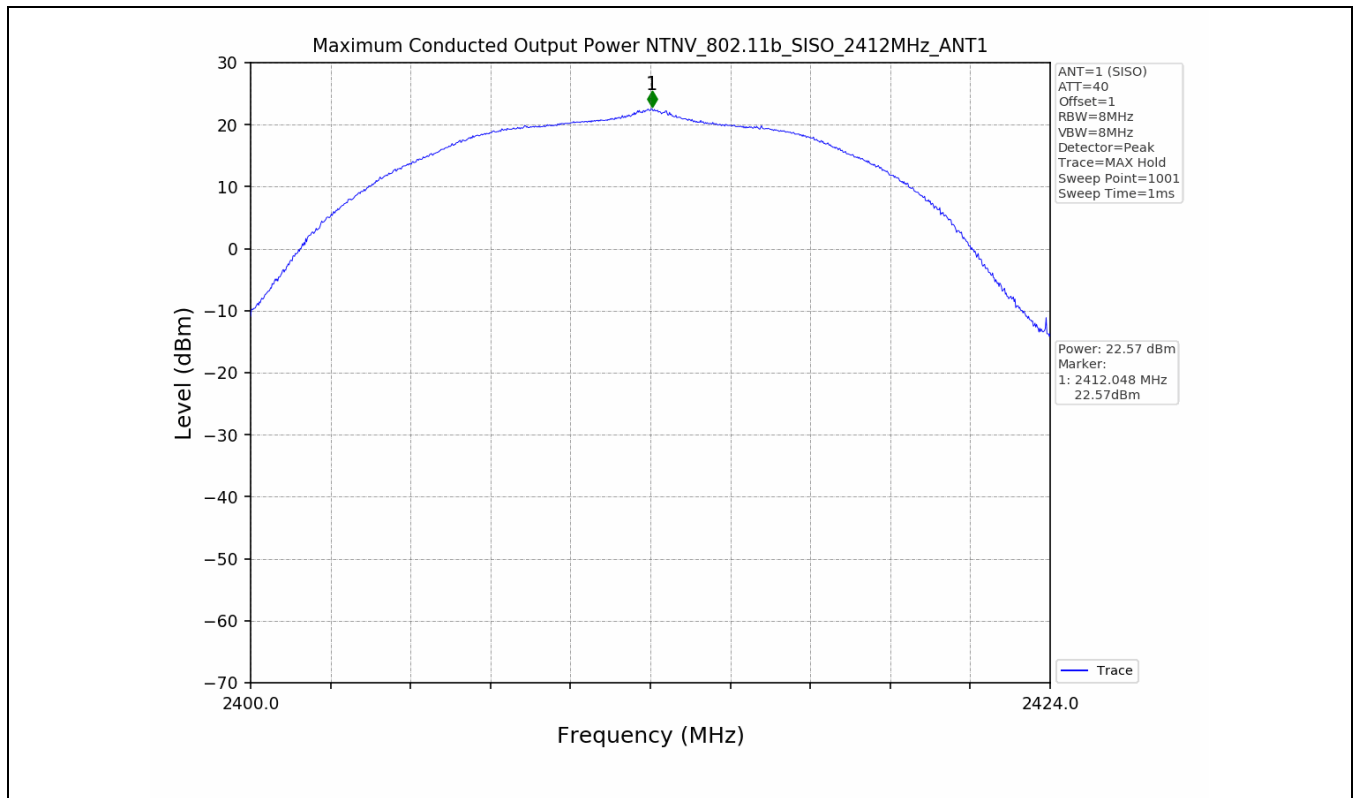


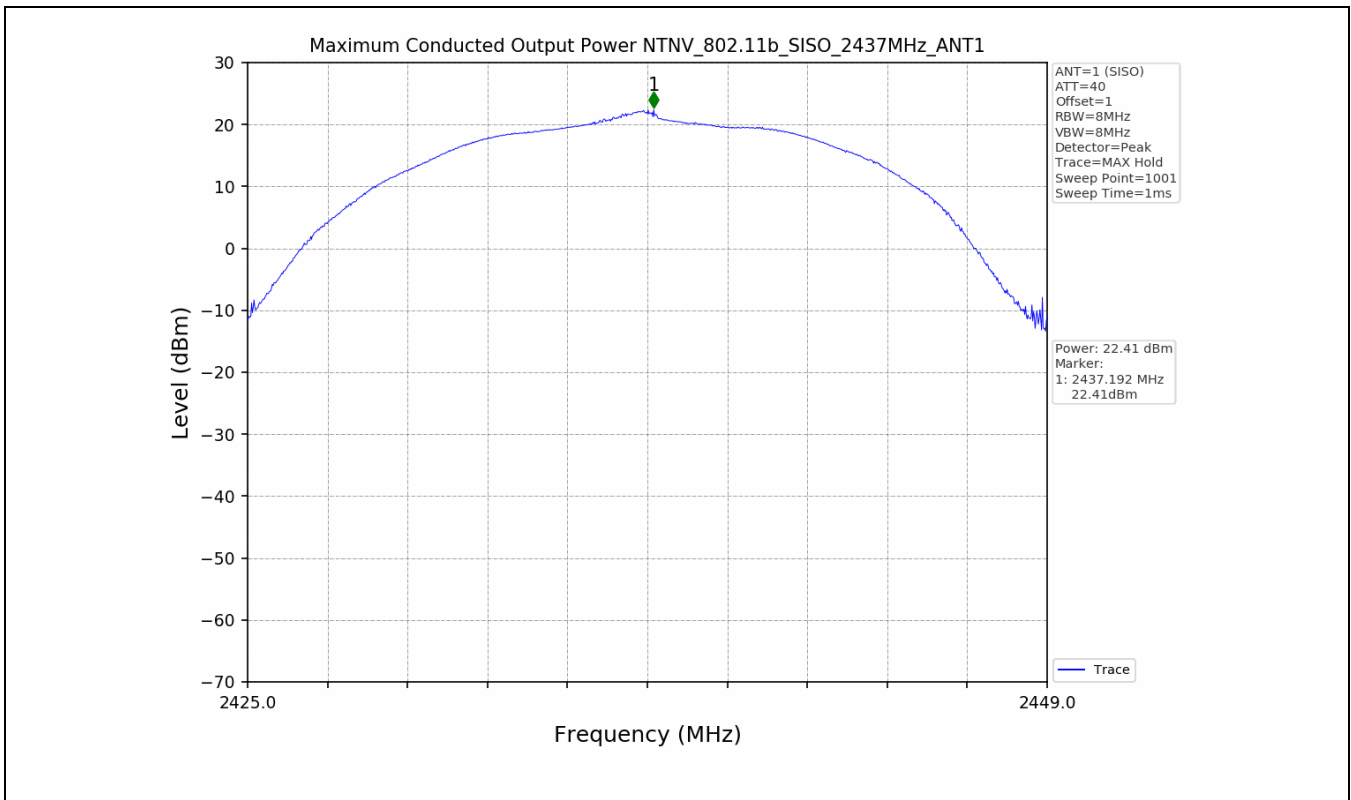
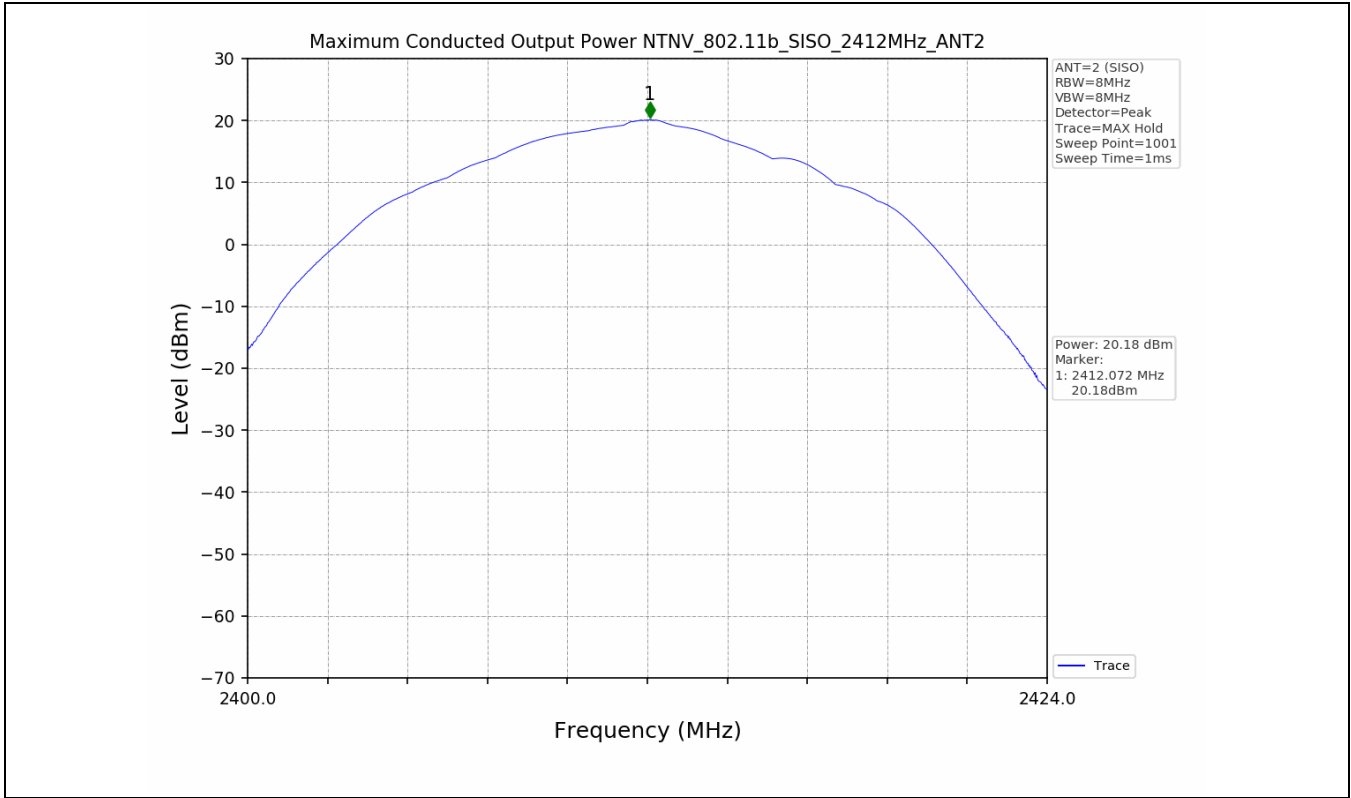
2. Maximum Conducted Output Power

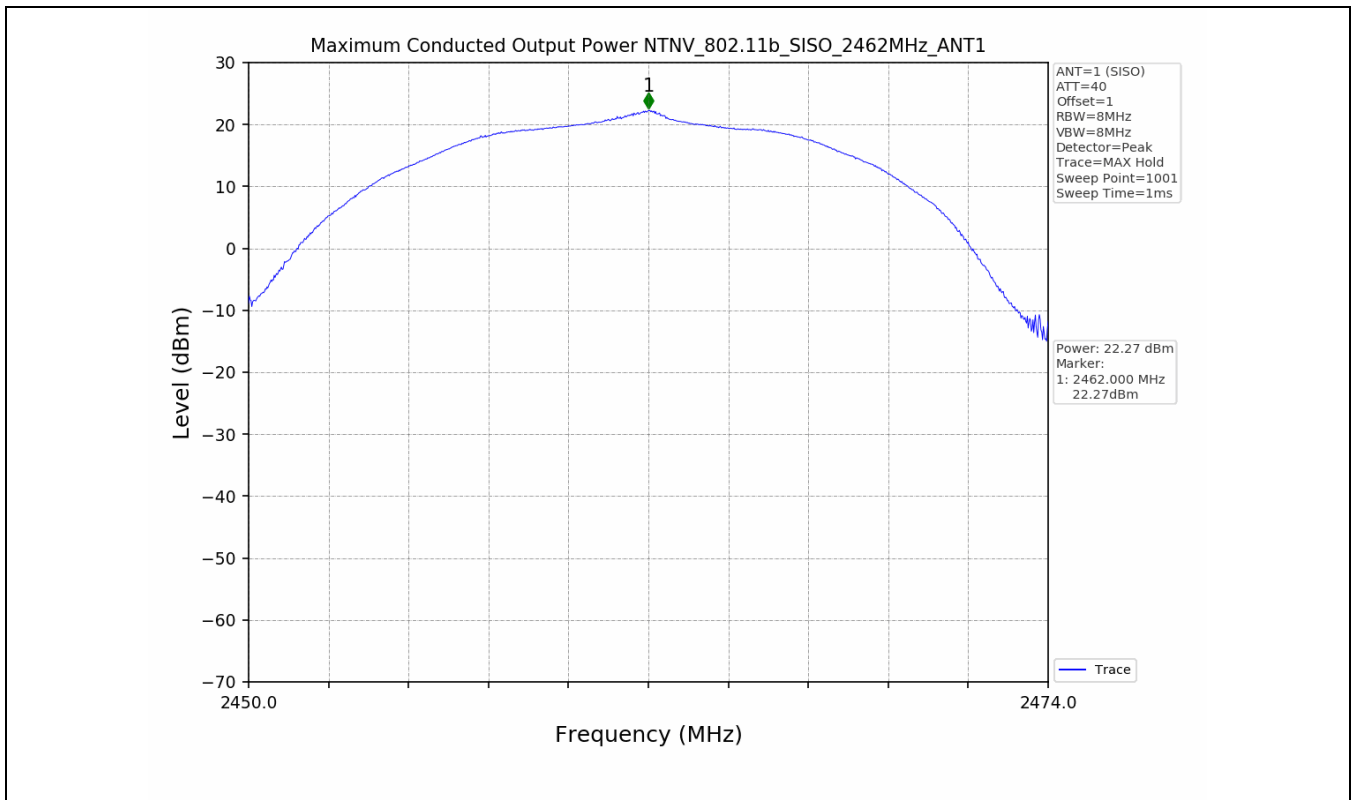
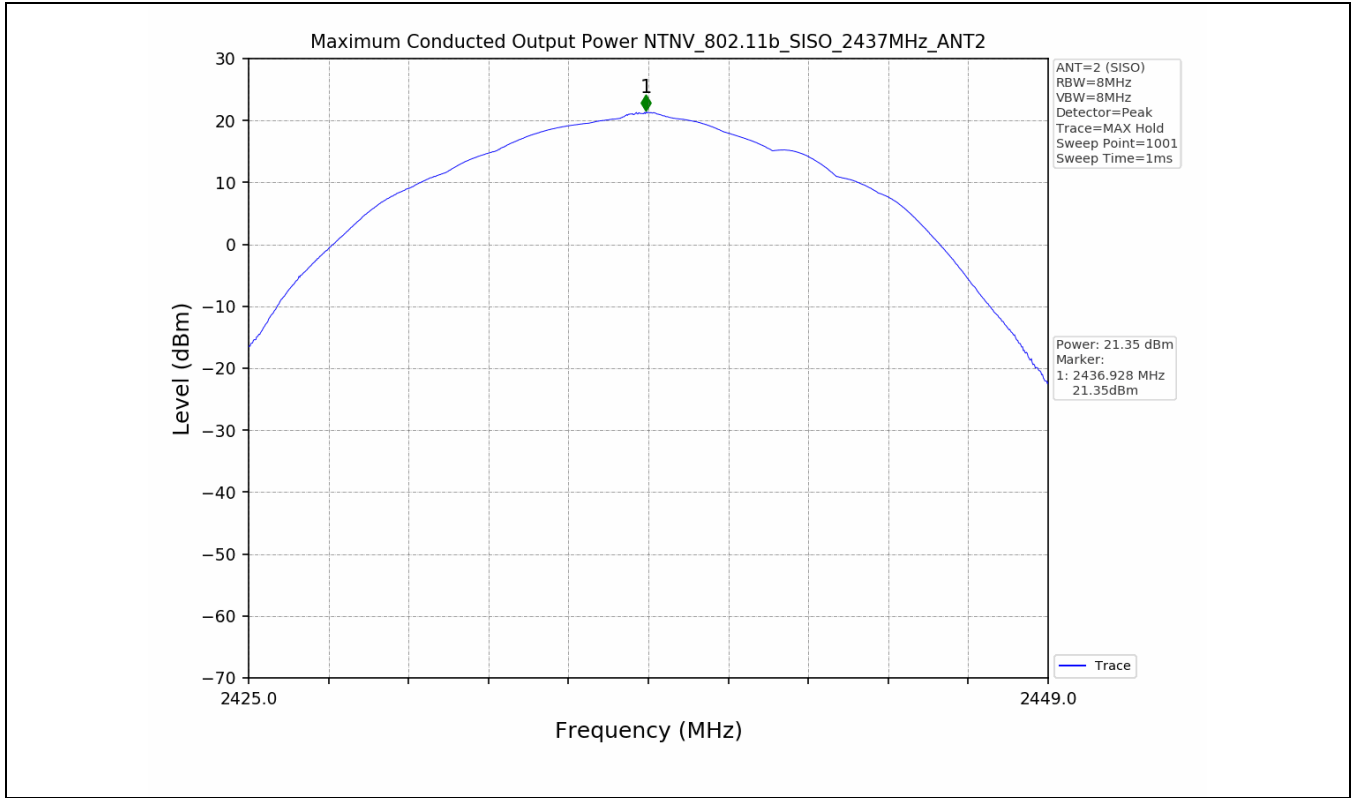
2.1 Test Result

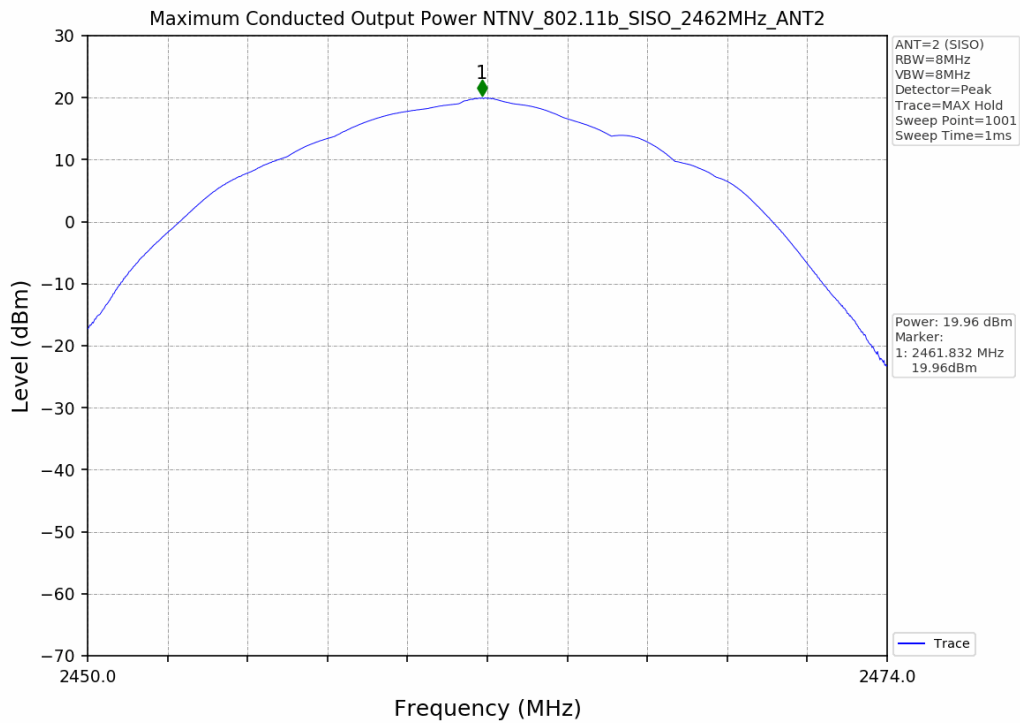
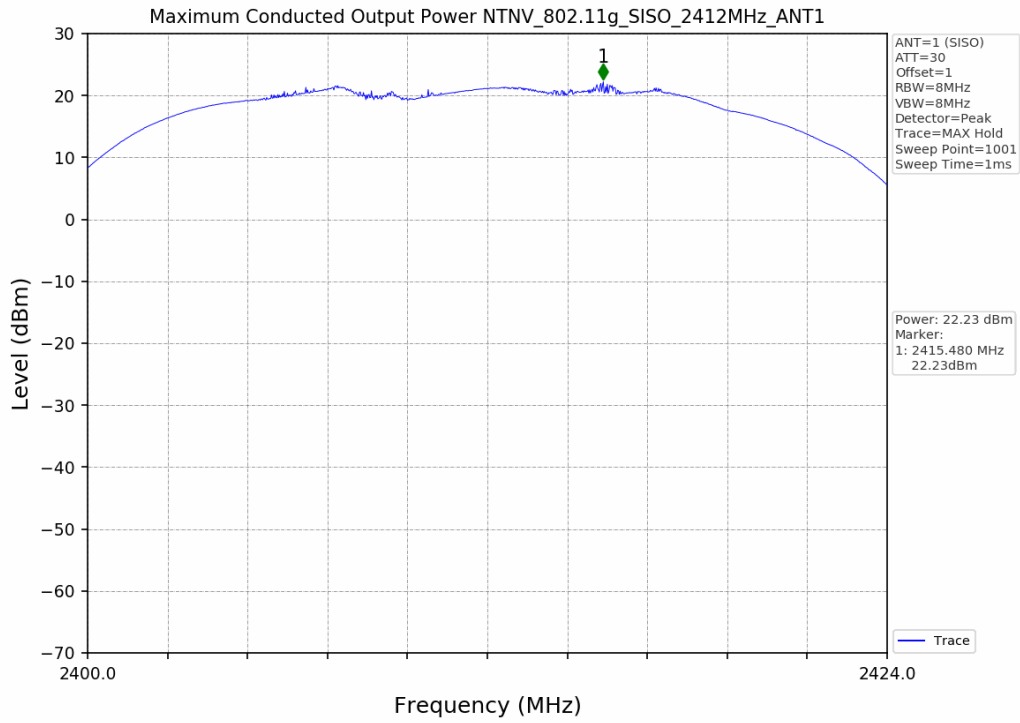
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	22.57	20.18	/	30	PASS
	2437	SISO	22.41	21.35	/	30	PASS
	2462	SISO	22.27	19.96	/	30	PASS
802.11g	2412	SISO	22.23	22.51	/	30	PASS
	2437	SISO	22.39	23.58	/	30	PASS
	2462	SISO	21.61	22.64	/	30	PASS
802.11n(HT20)	2412	MIMO	21.90	22.65	25.30	30	PASS
	2437	MIMO	23.11	23.21	26.17	30	PASS
	2462	MIMO	22.43	22.53	25.49	30	PASS

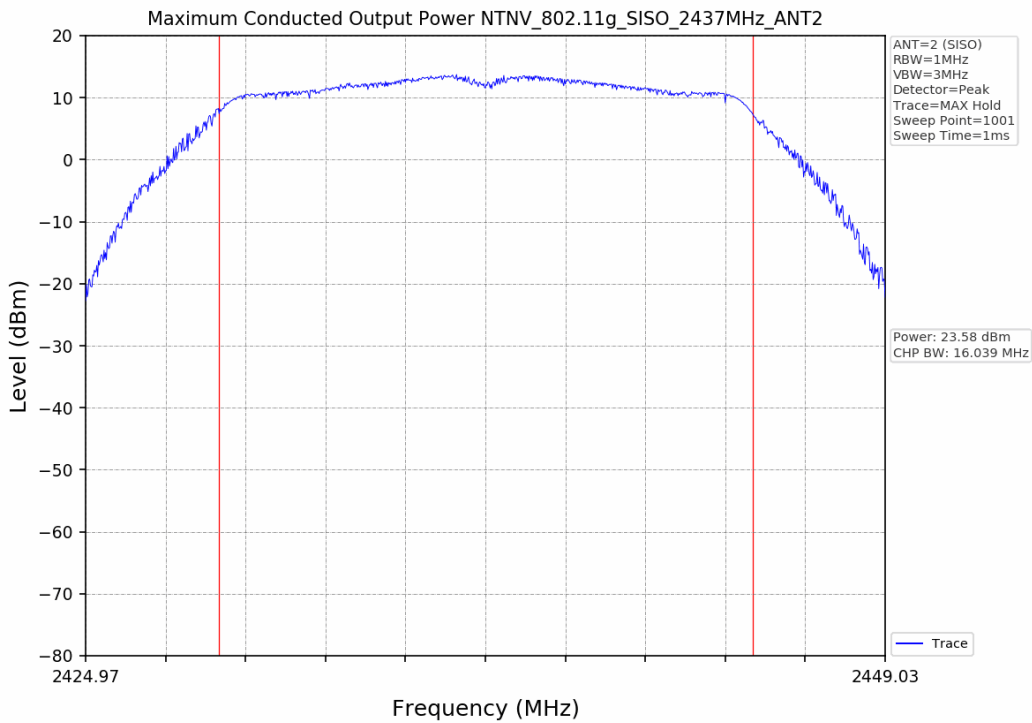
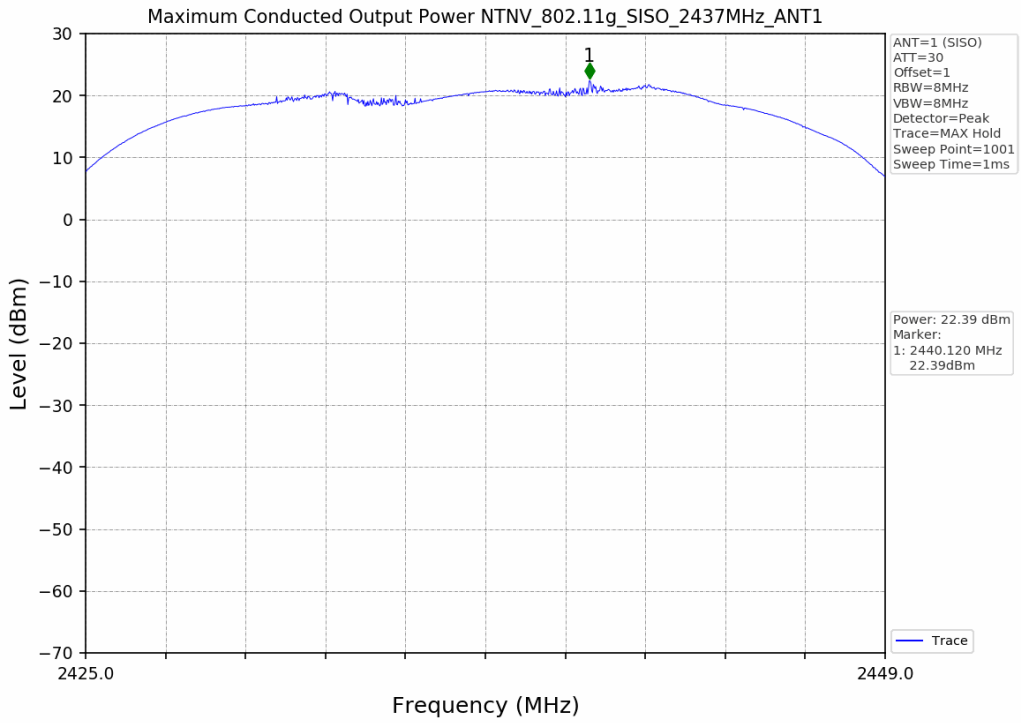
2.2 Test Graph

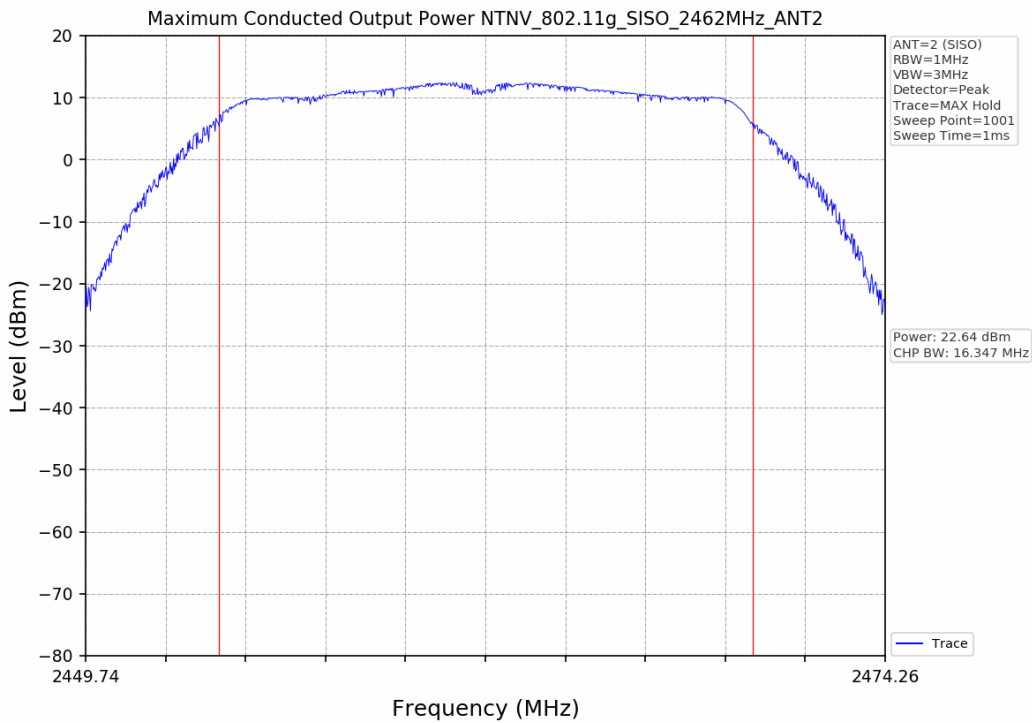
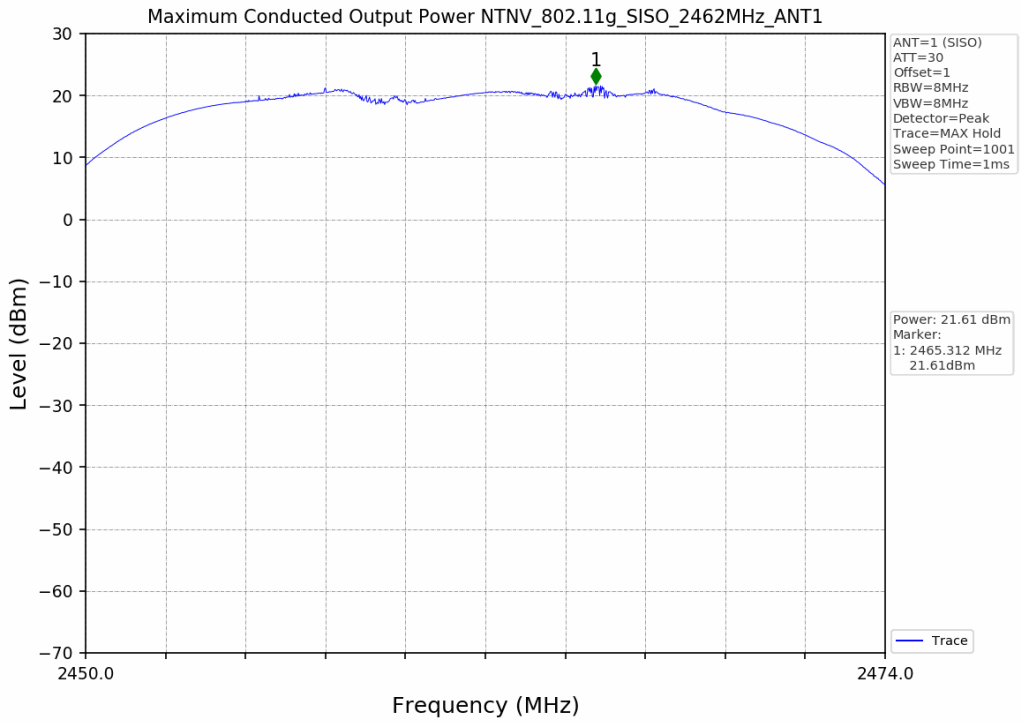


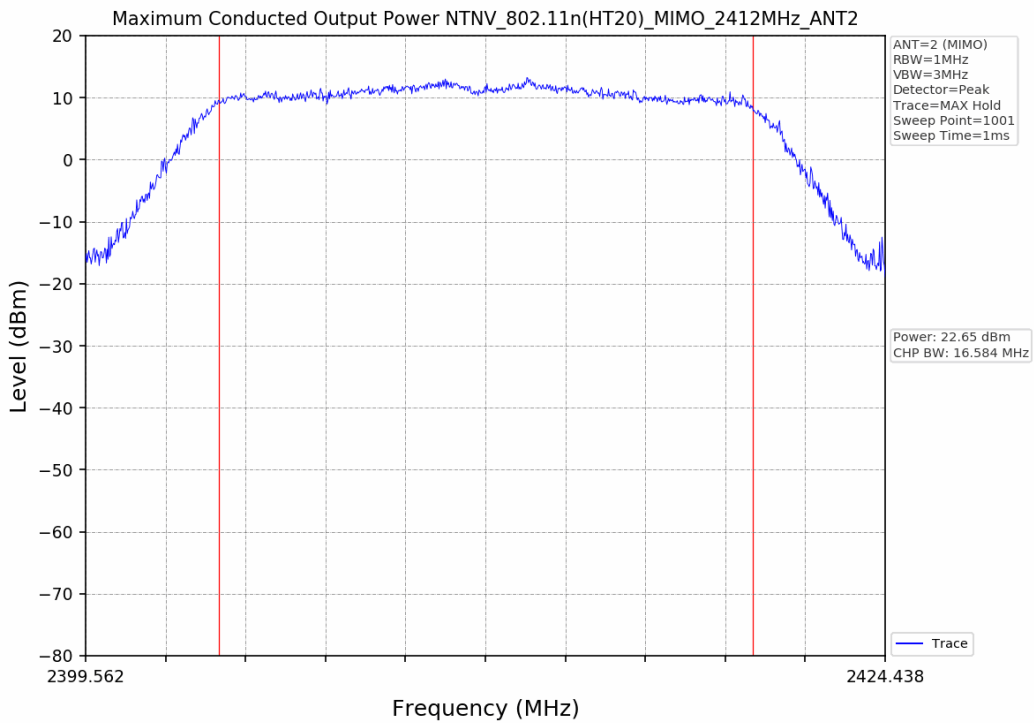
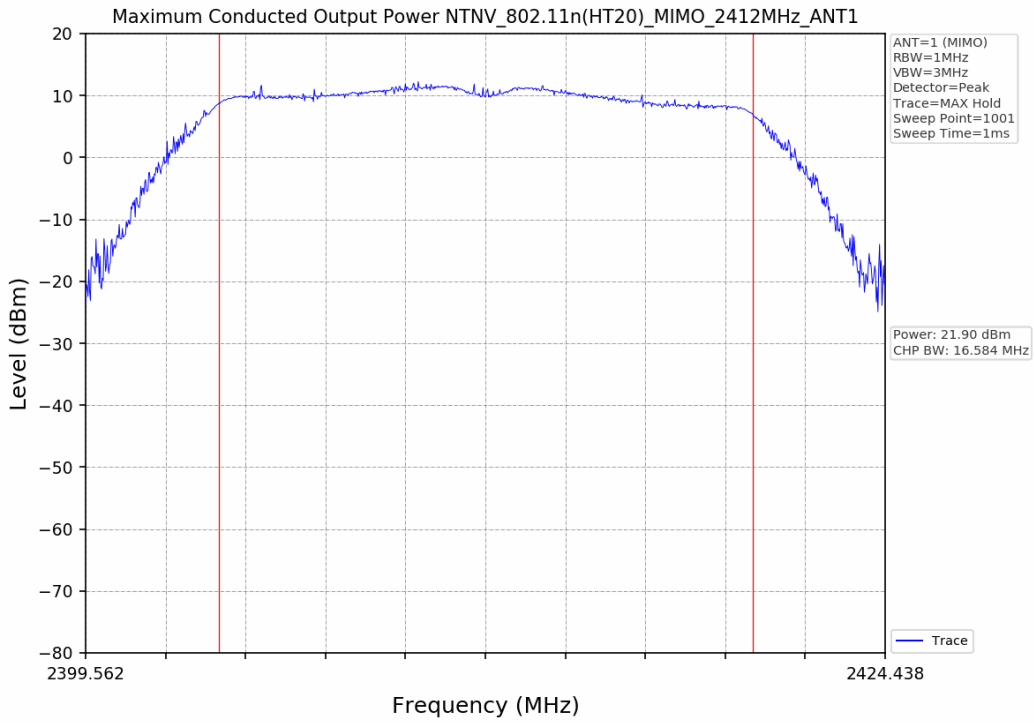


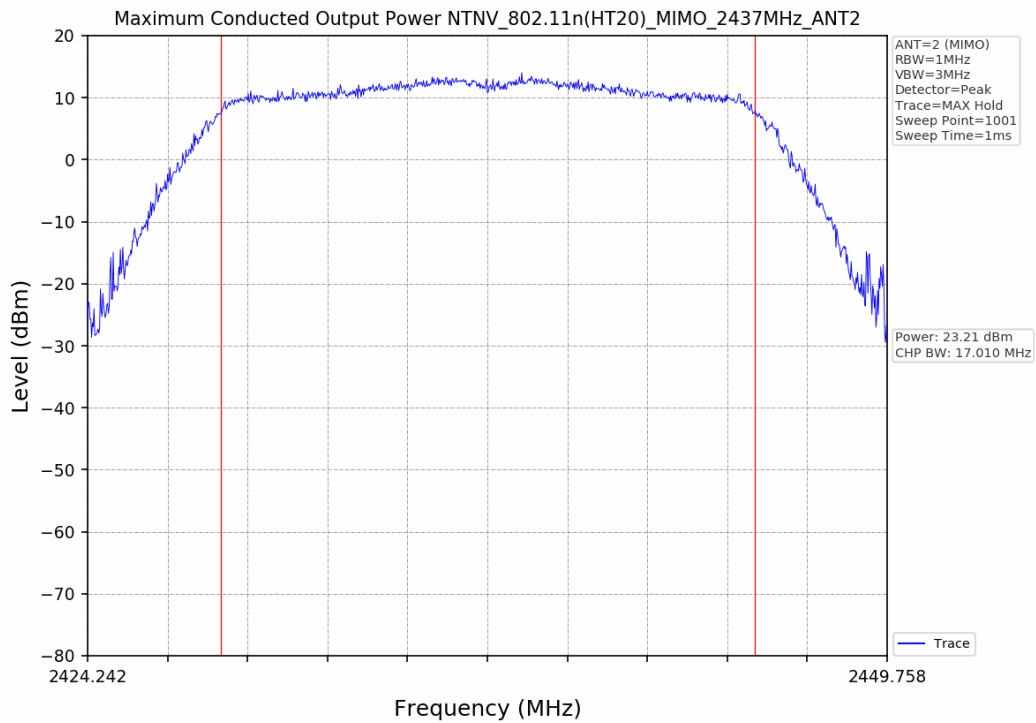
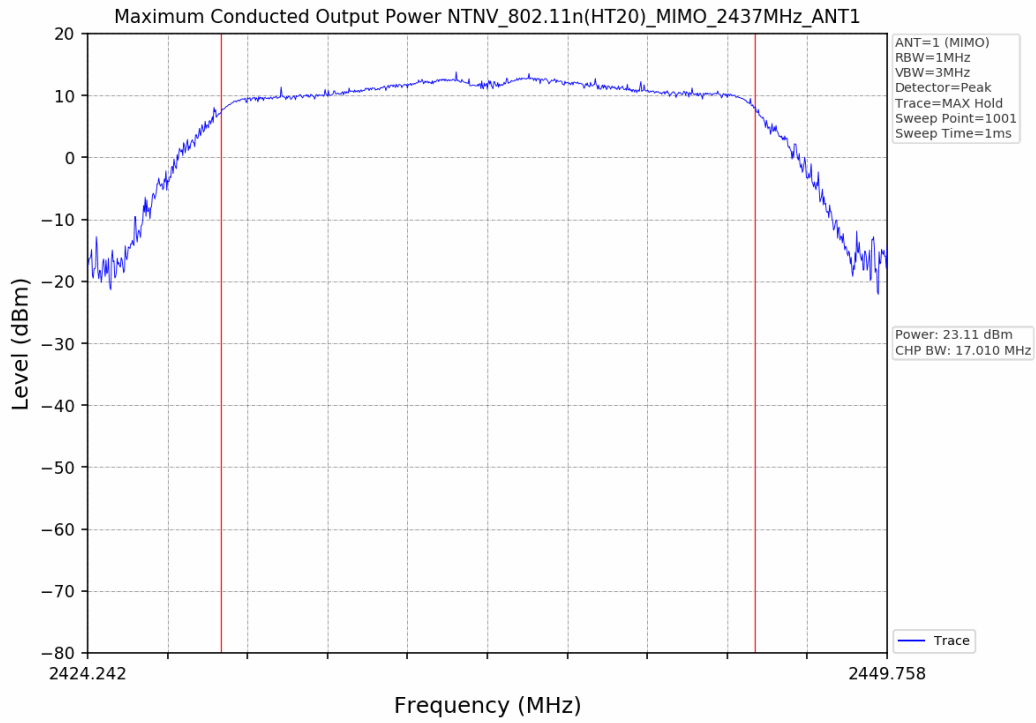


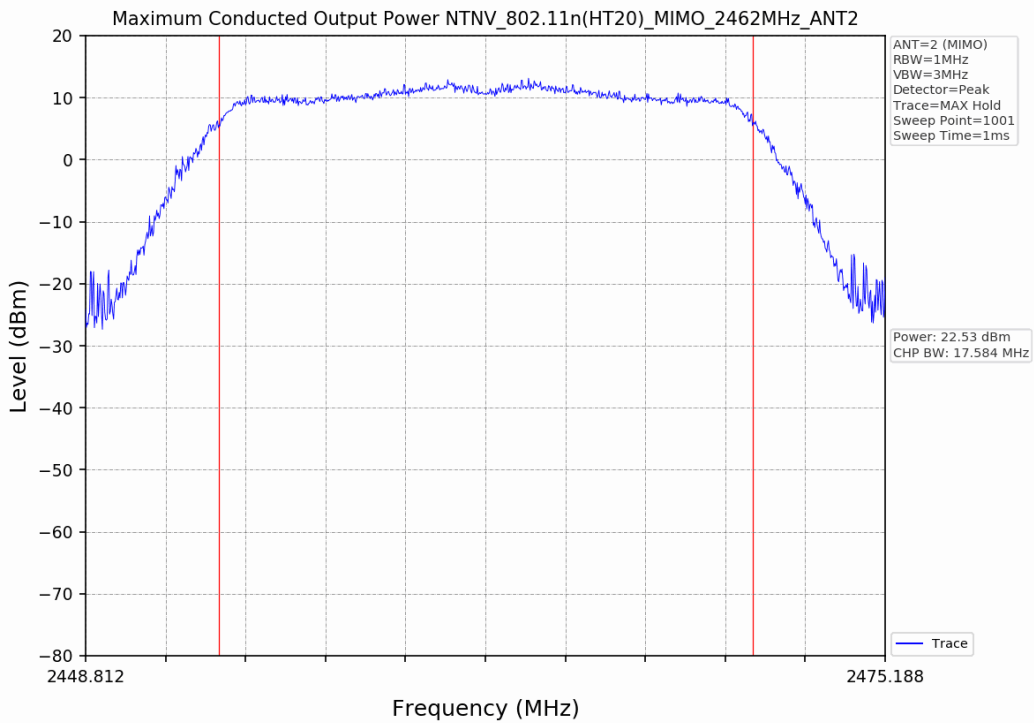
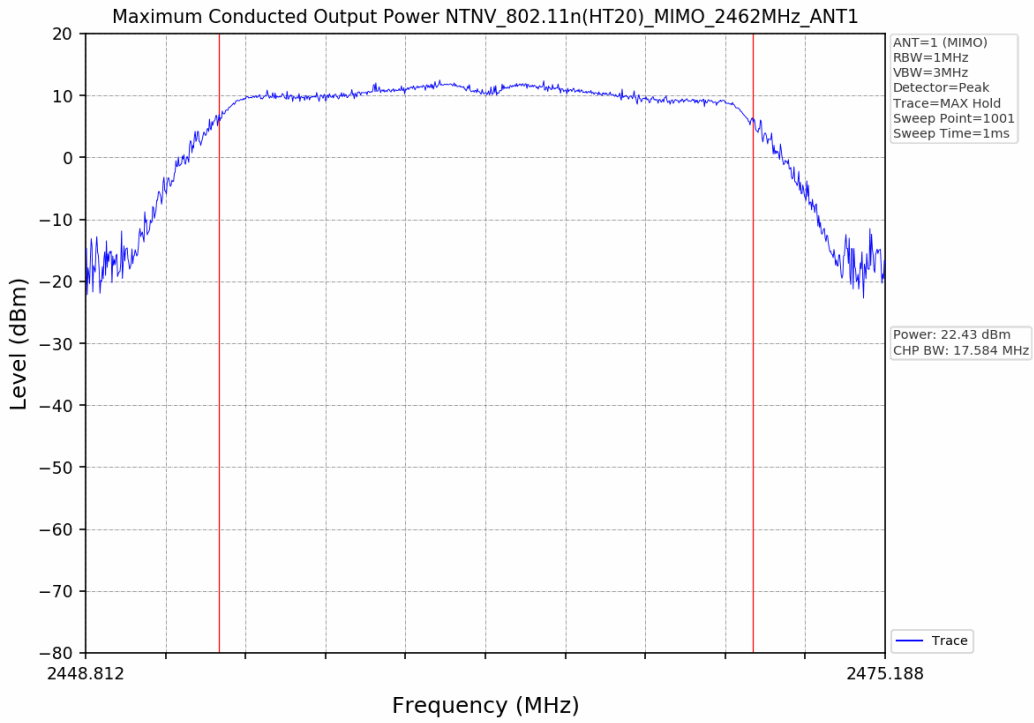










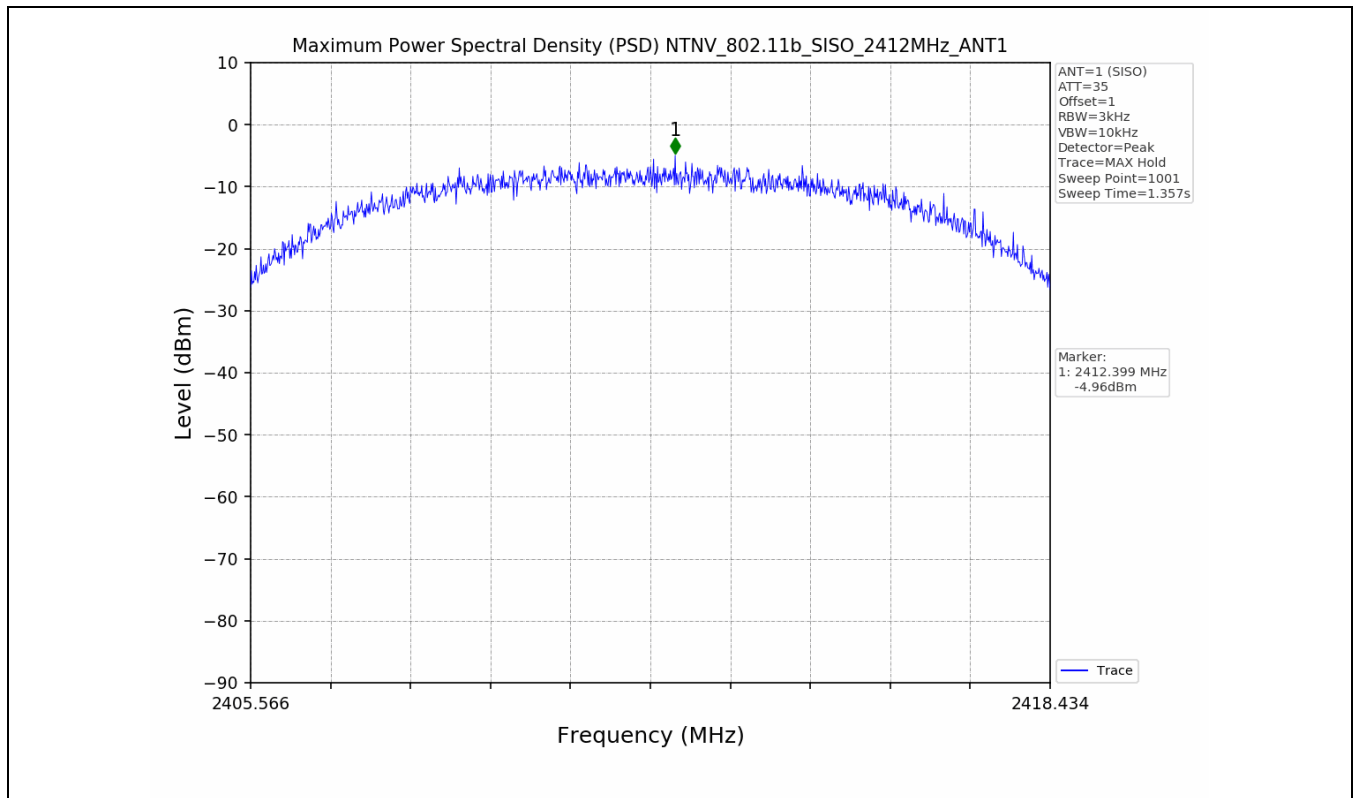


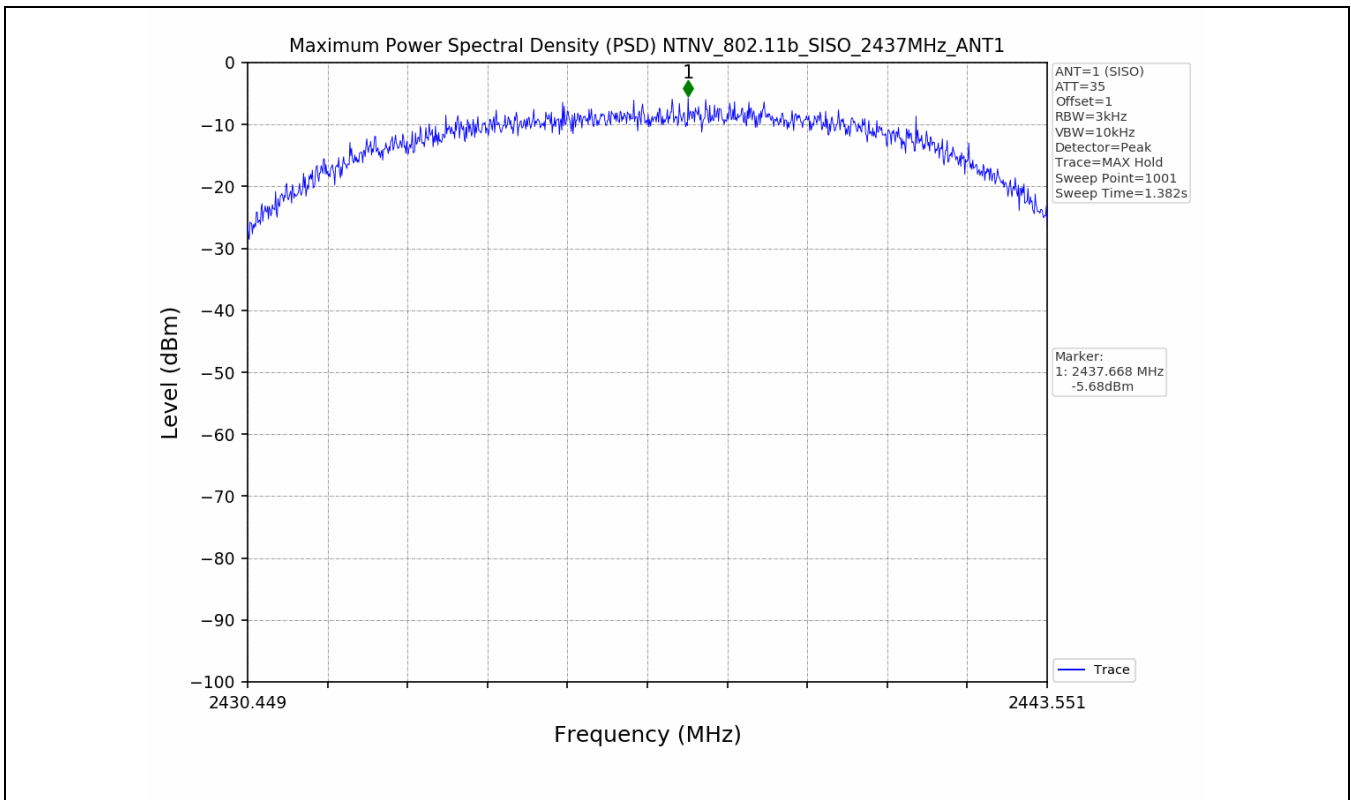
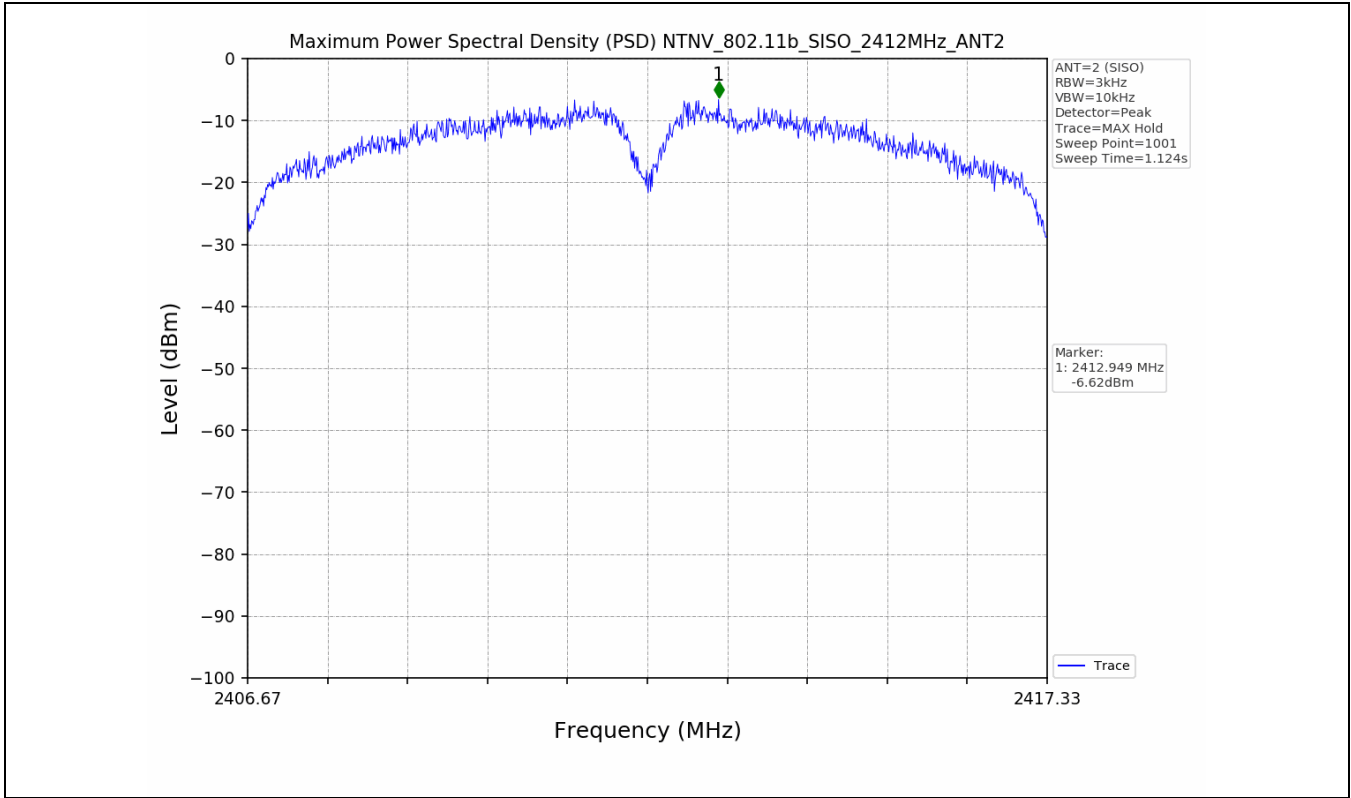
3. Maximum Power Spectral Density (PSD)

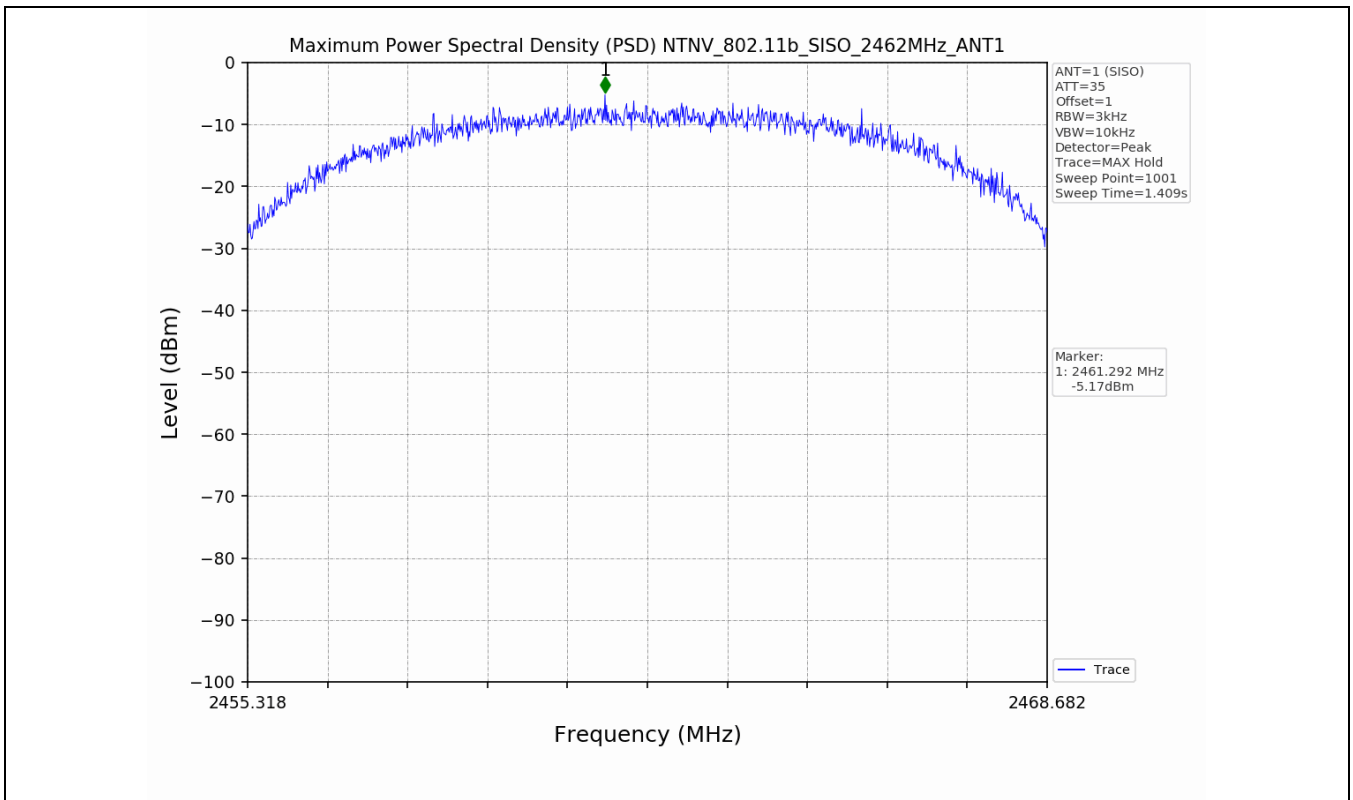
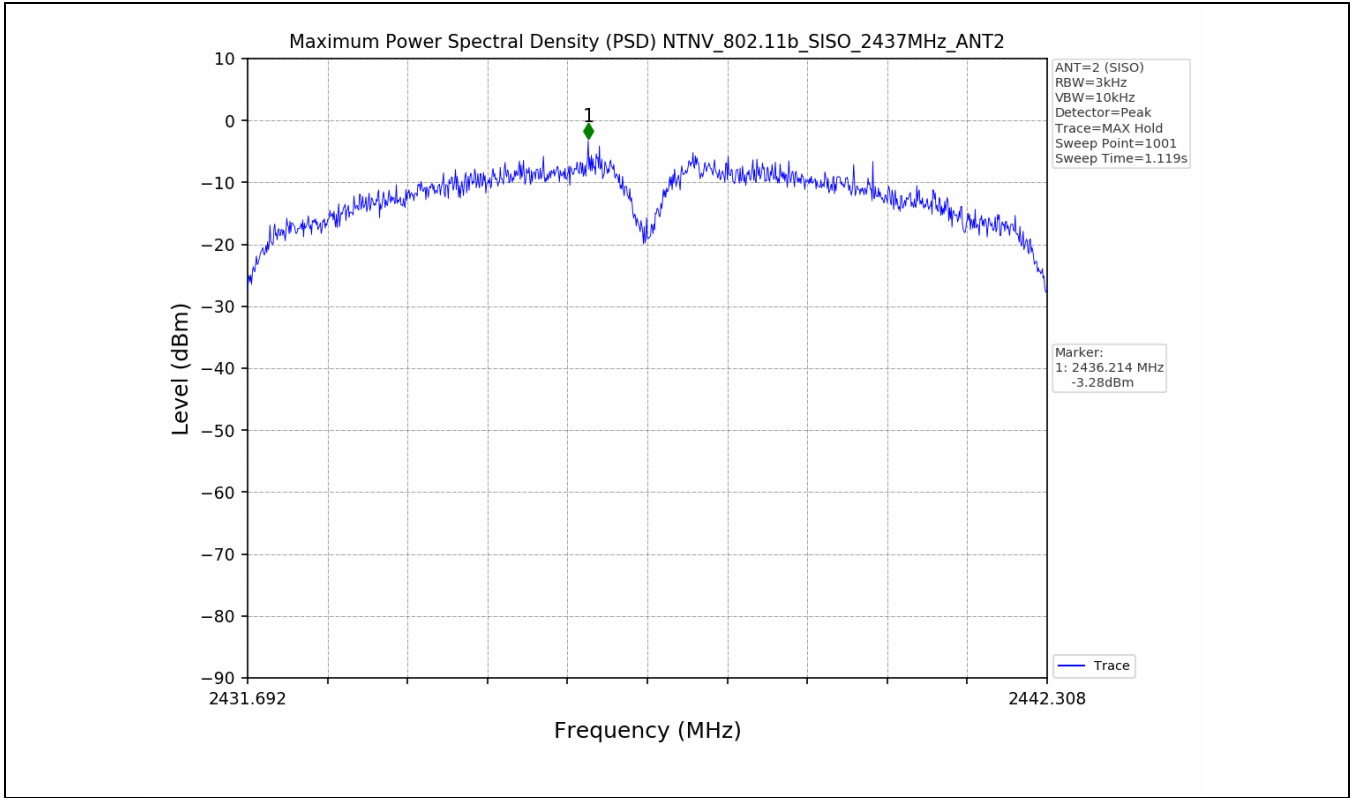
3.1 Test Result

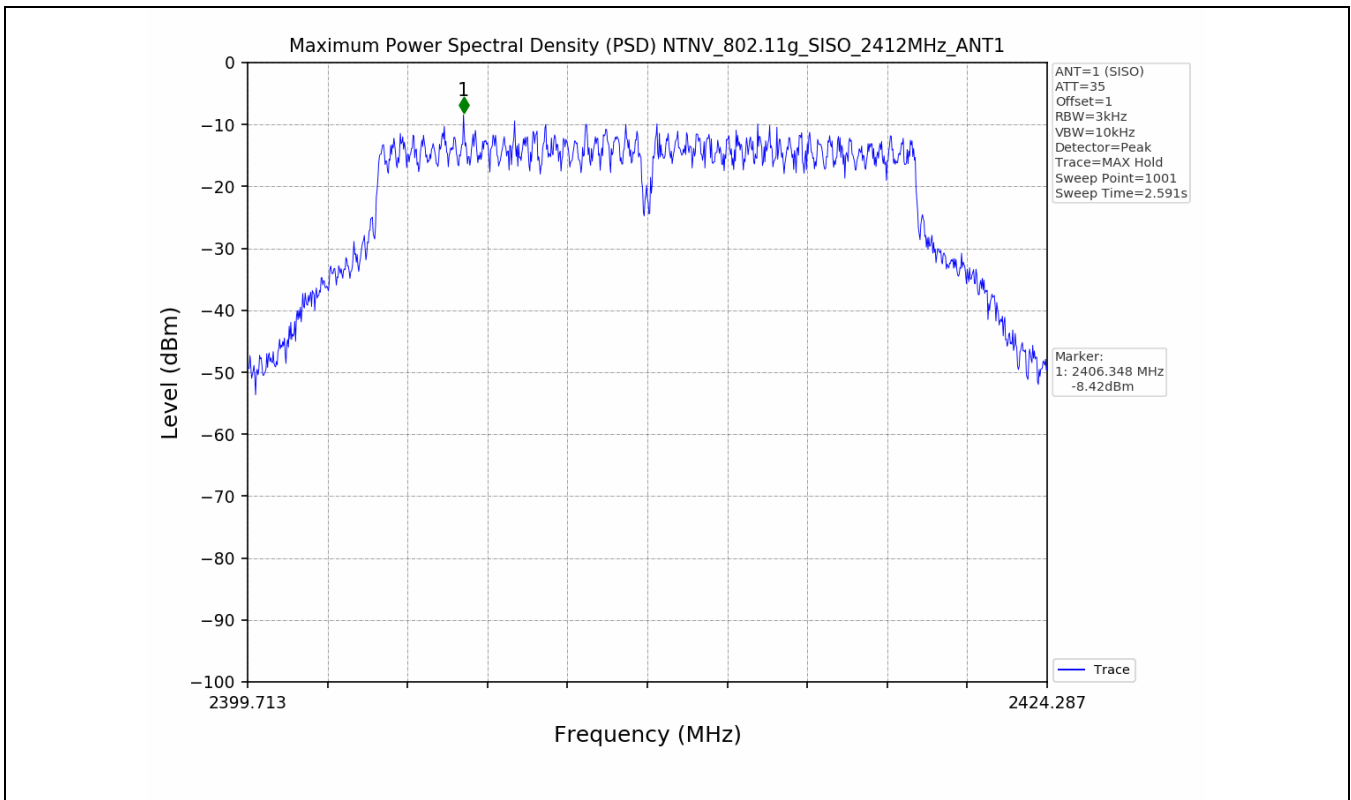
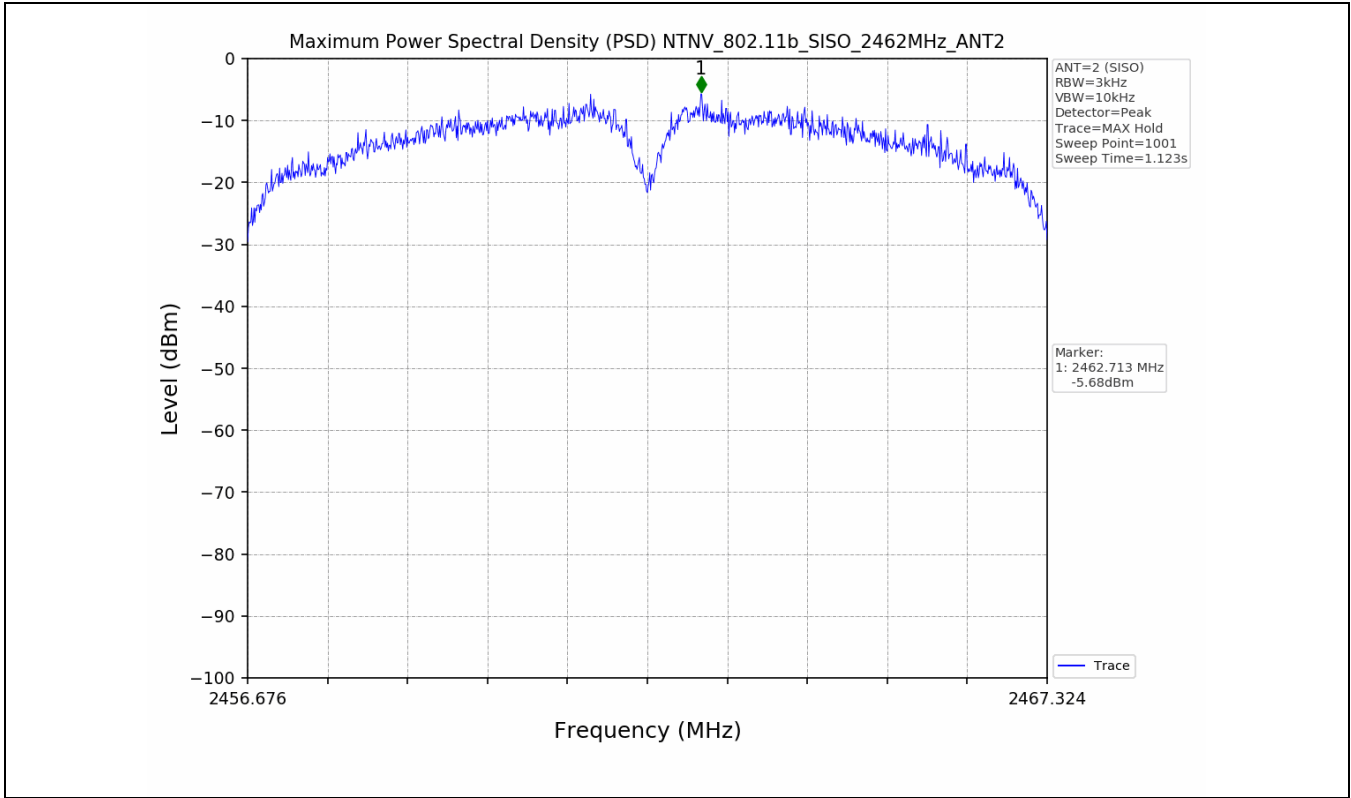
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)			Limits (dBm/3kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	-4.96	-6.62	/	≤8	PASS
	2437	SISO	-5.68	-3.28	/	≤8	PASS
	2462	SISO	-5.17	-5.68	/	≤8	PASS
802.11g	2412	SISO	-8.42	-9.28	/	≤8	PASS
	2437	SISO	-9.11	-7.94	/	≤8	PASS
	2462	SISO	-9.86	-9.28	/	≤8	PASS
802.11n(HT20)	2412	MIMO	-10.17	-10.07	-7.20	≤8	PASS
	2437	MIMO	-8.34	-7.43	-6.07	≤8	PASS
	2462	MIMO	-8.76	-9.63	-7.11	≤8	PASS

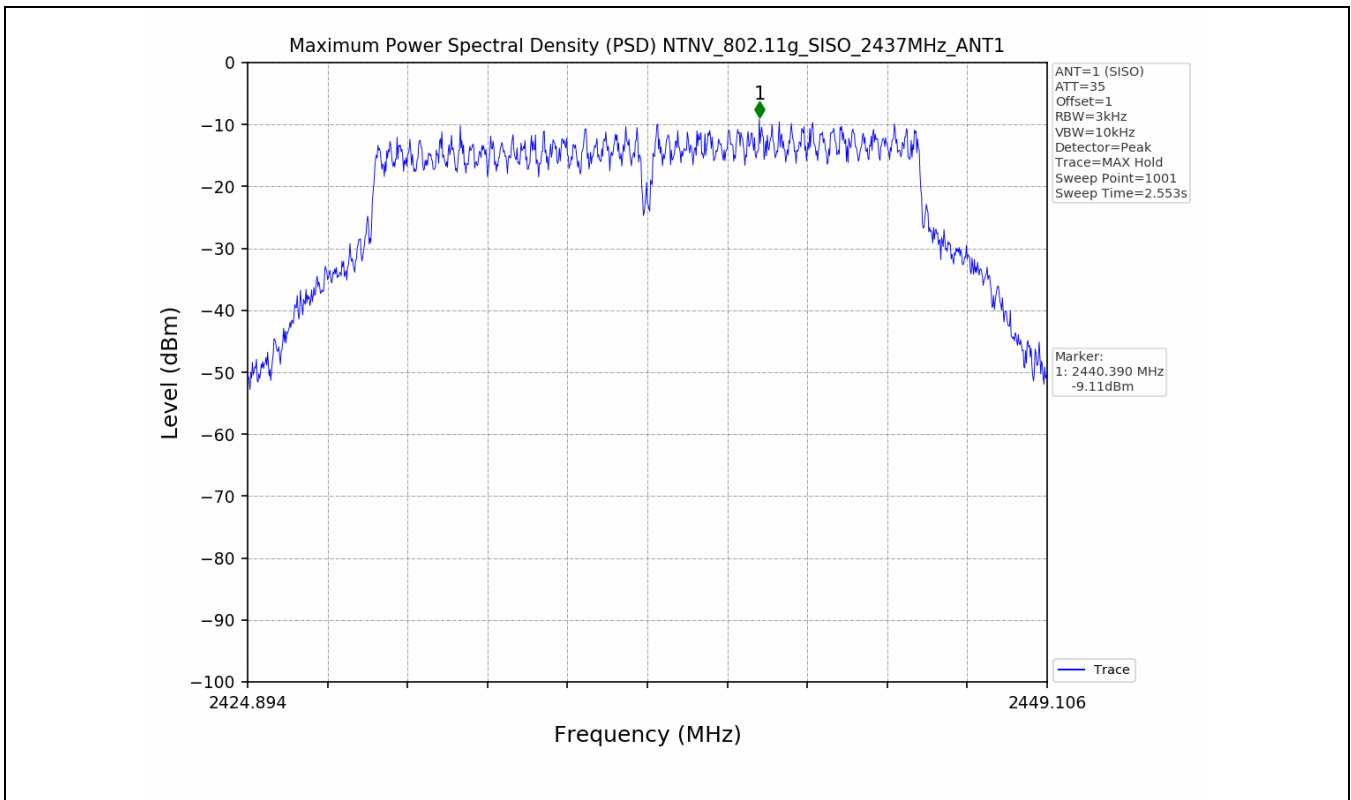
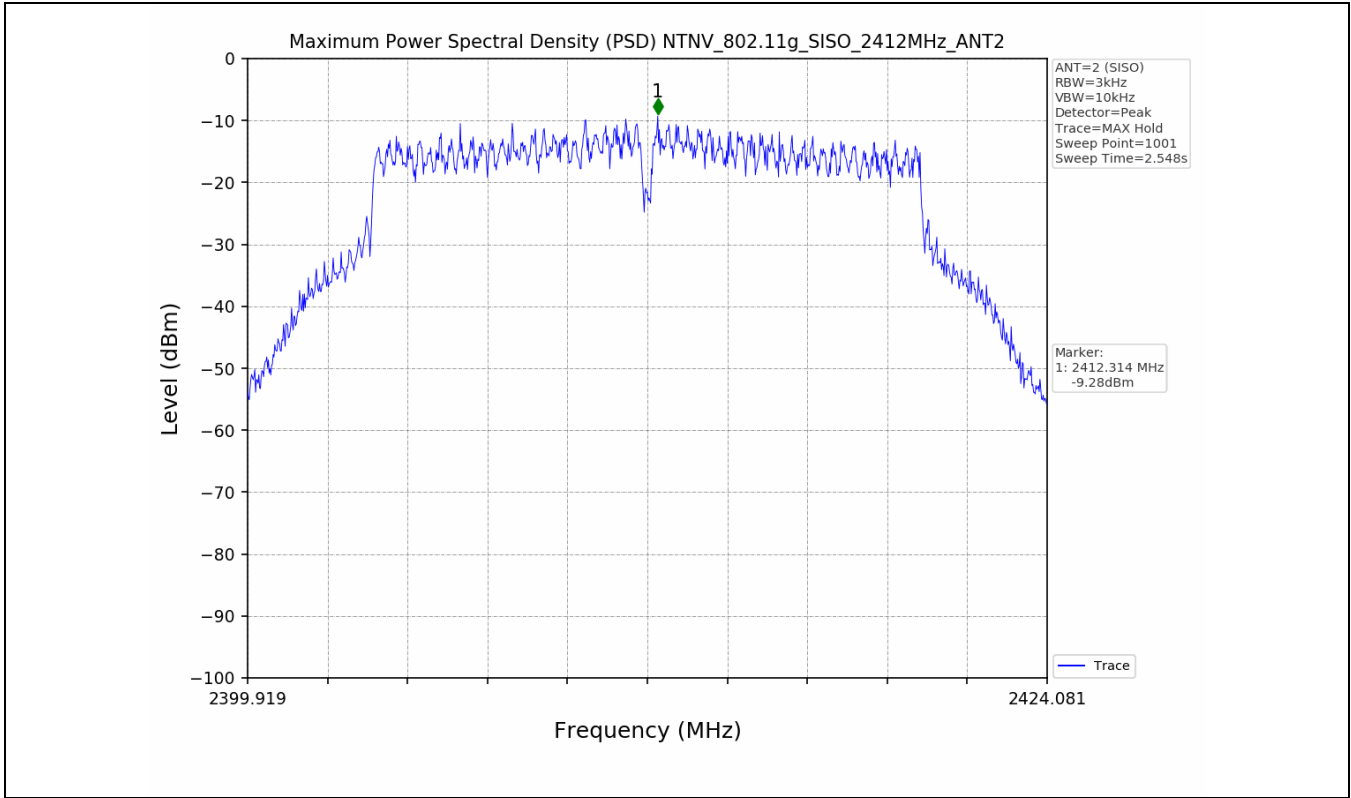
3.2 Test Graph

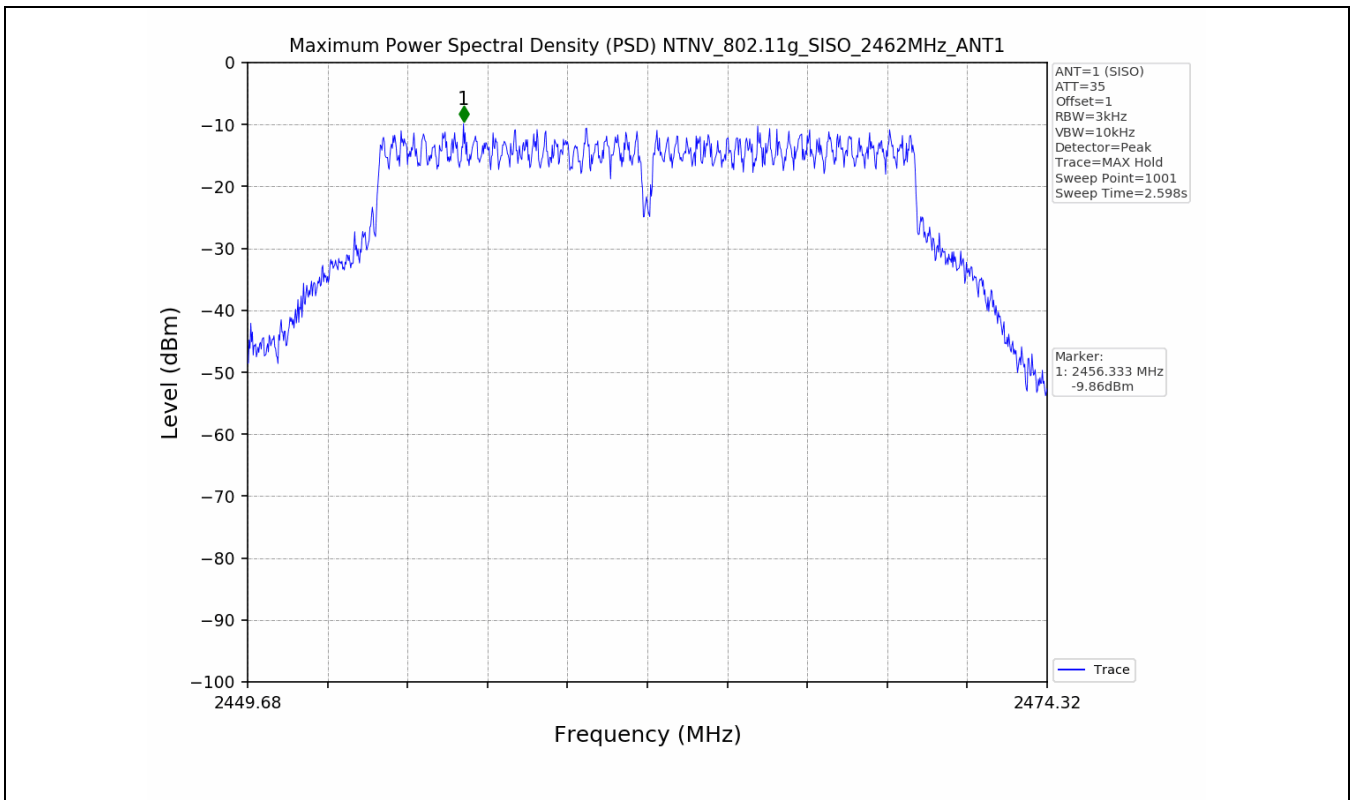
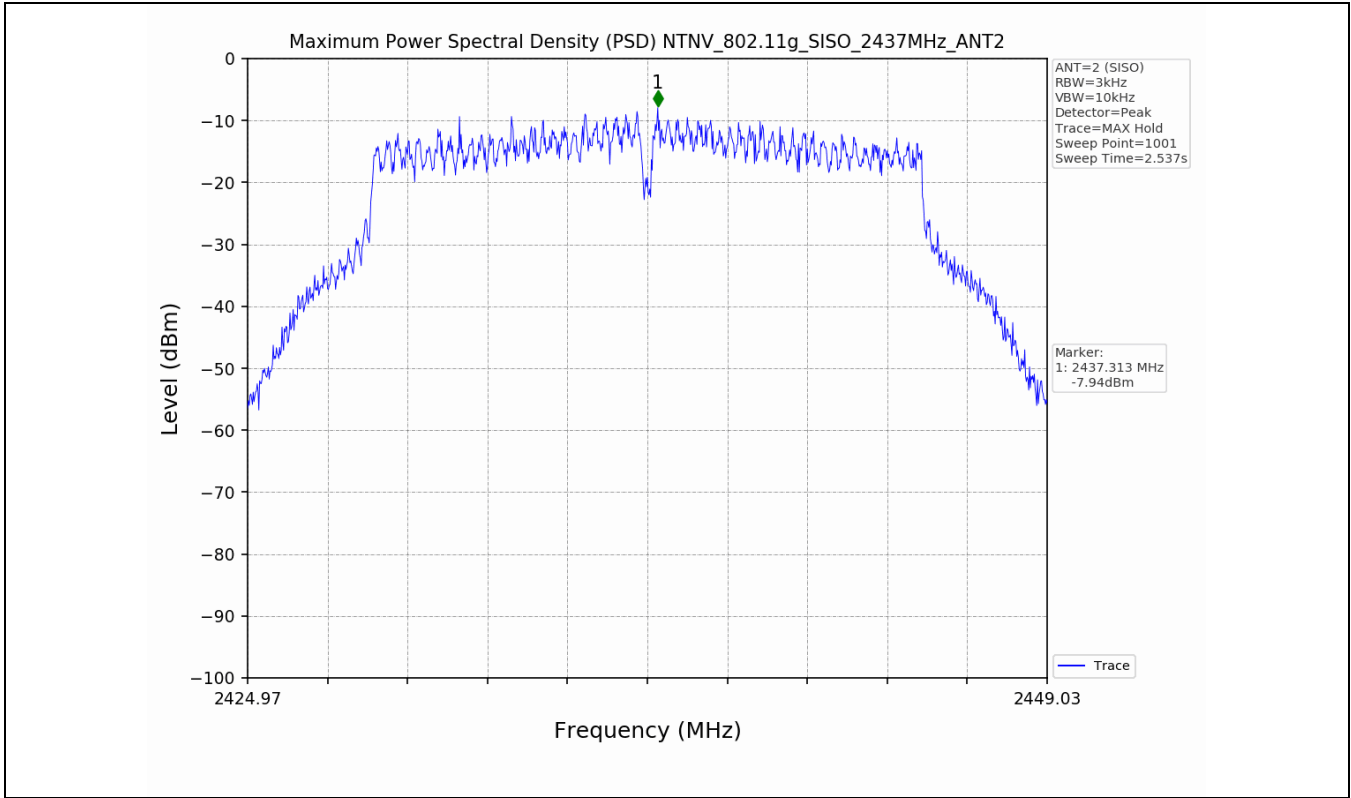


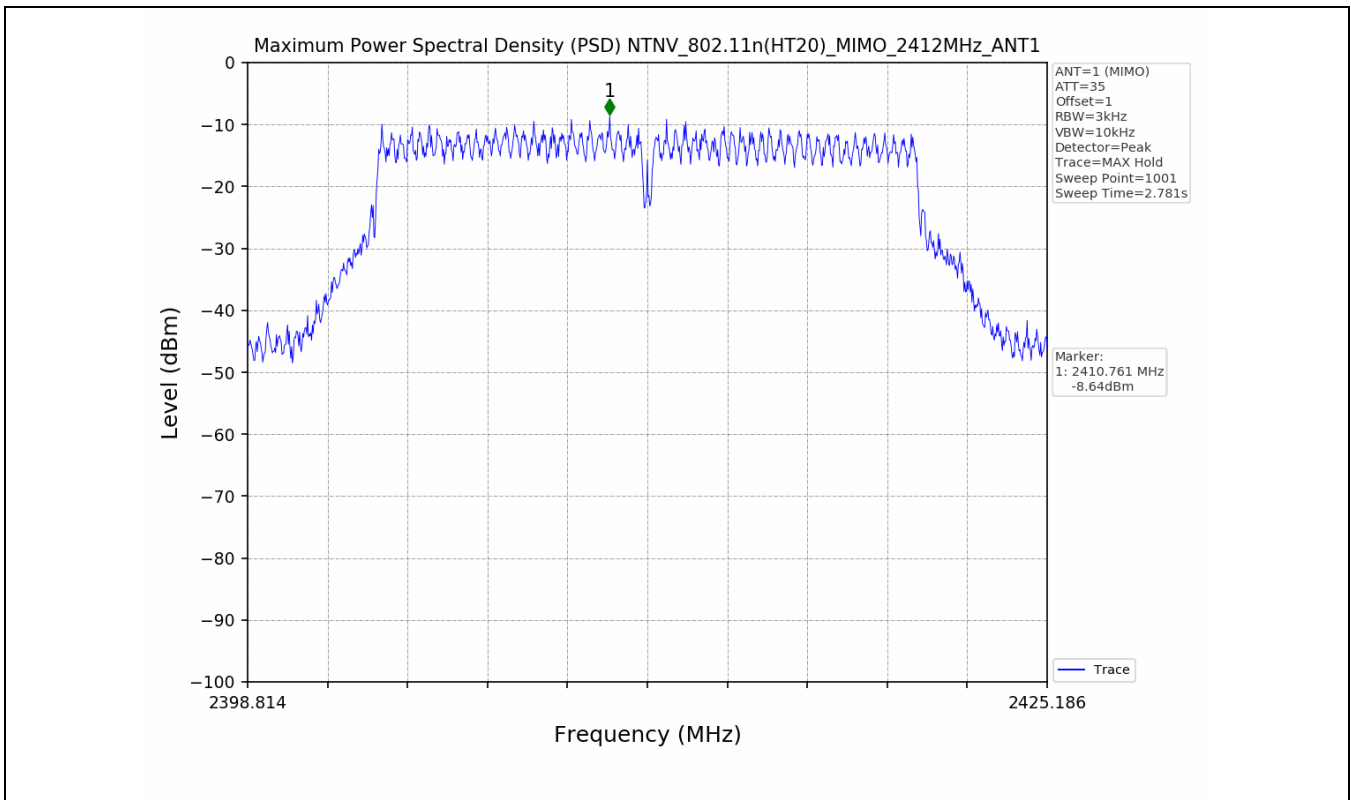
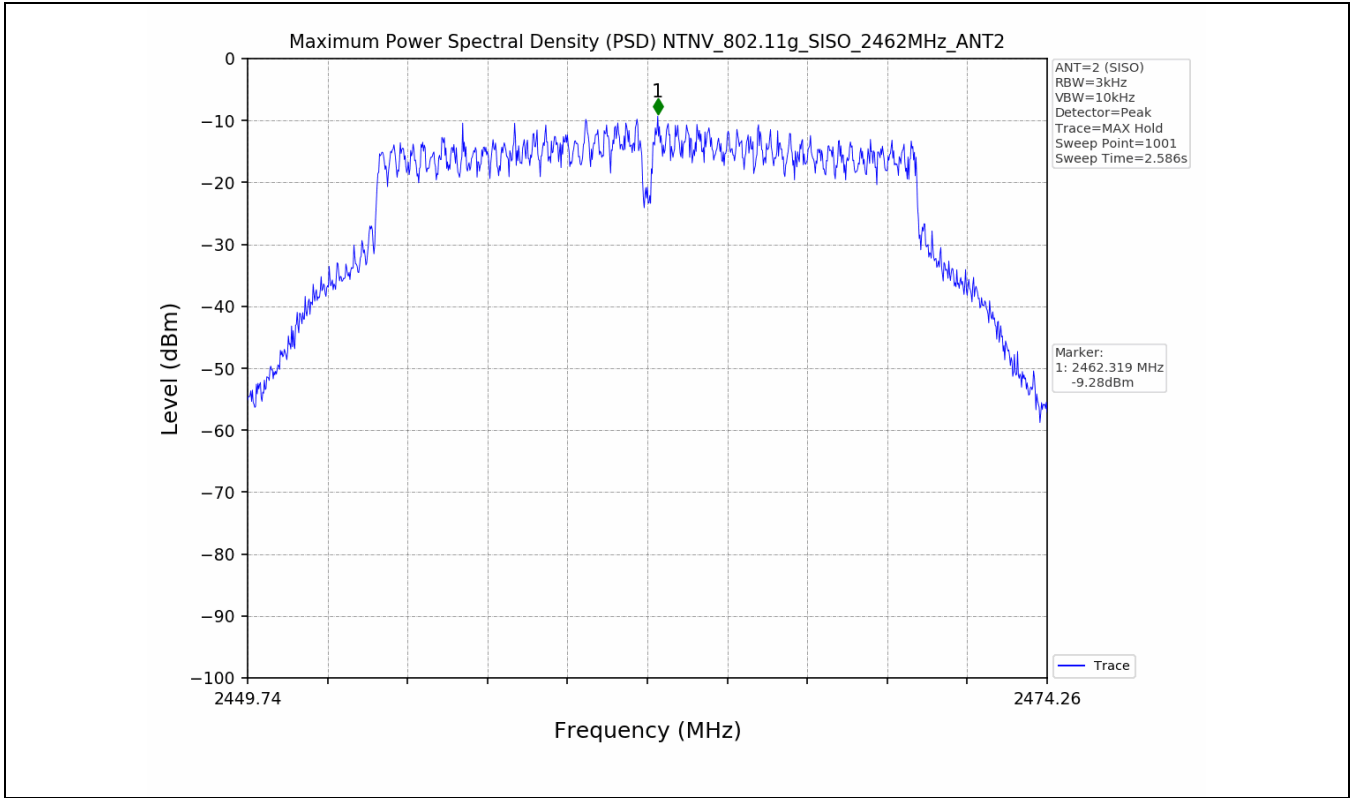


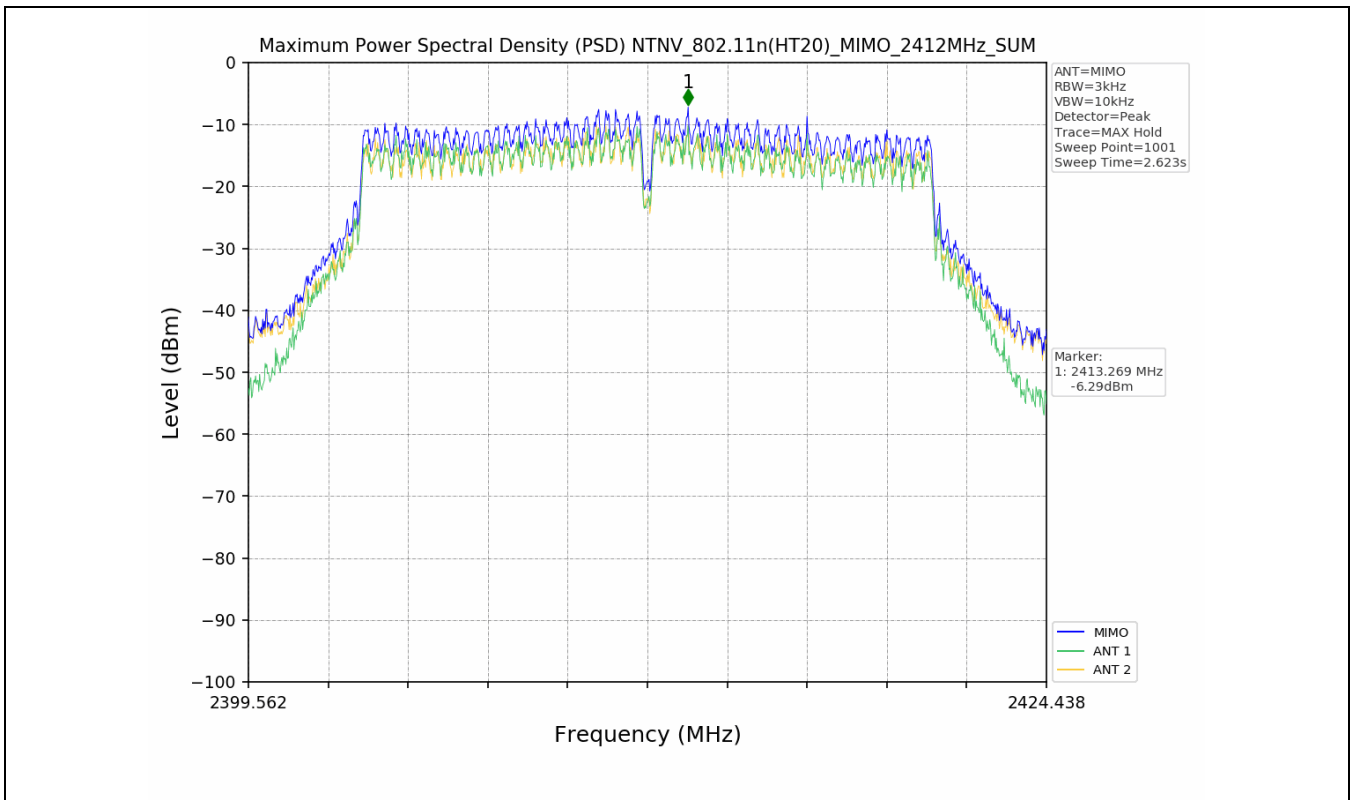
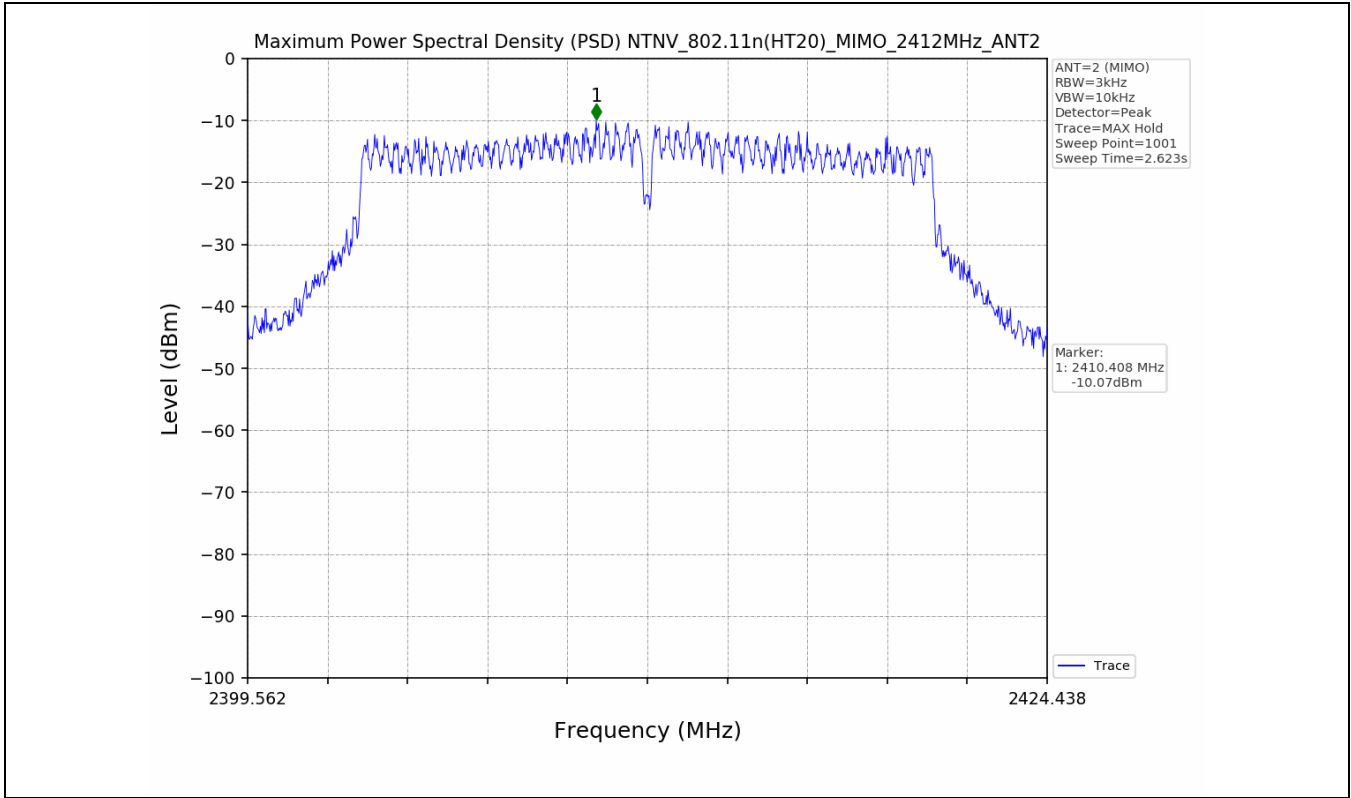


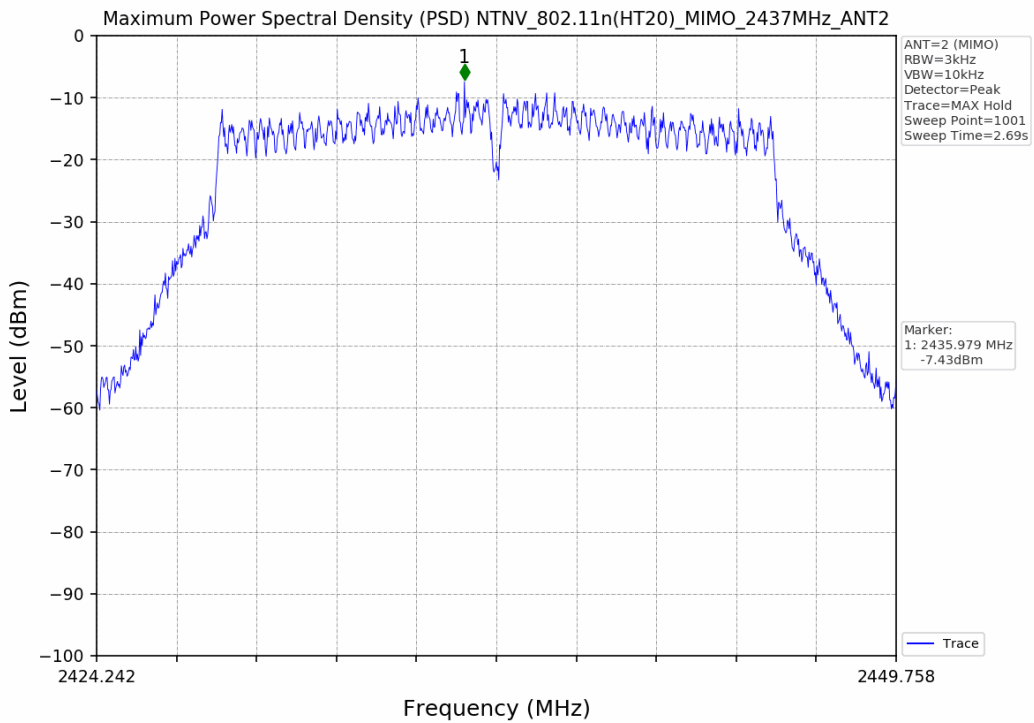
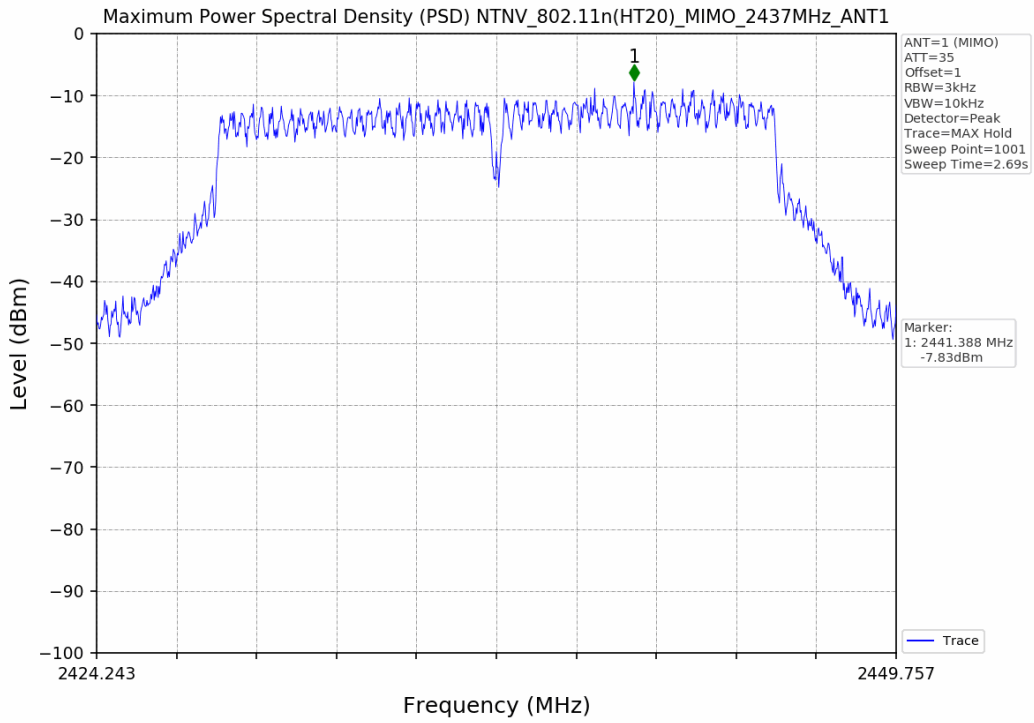


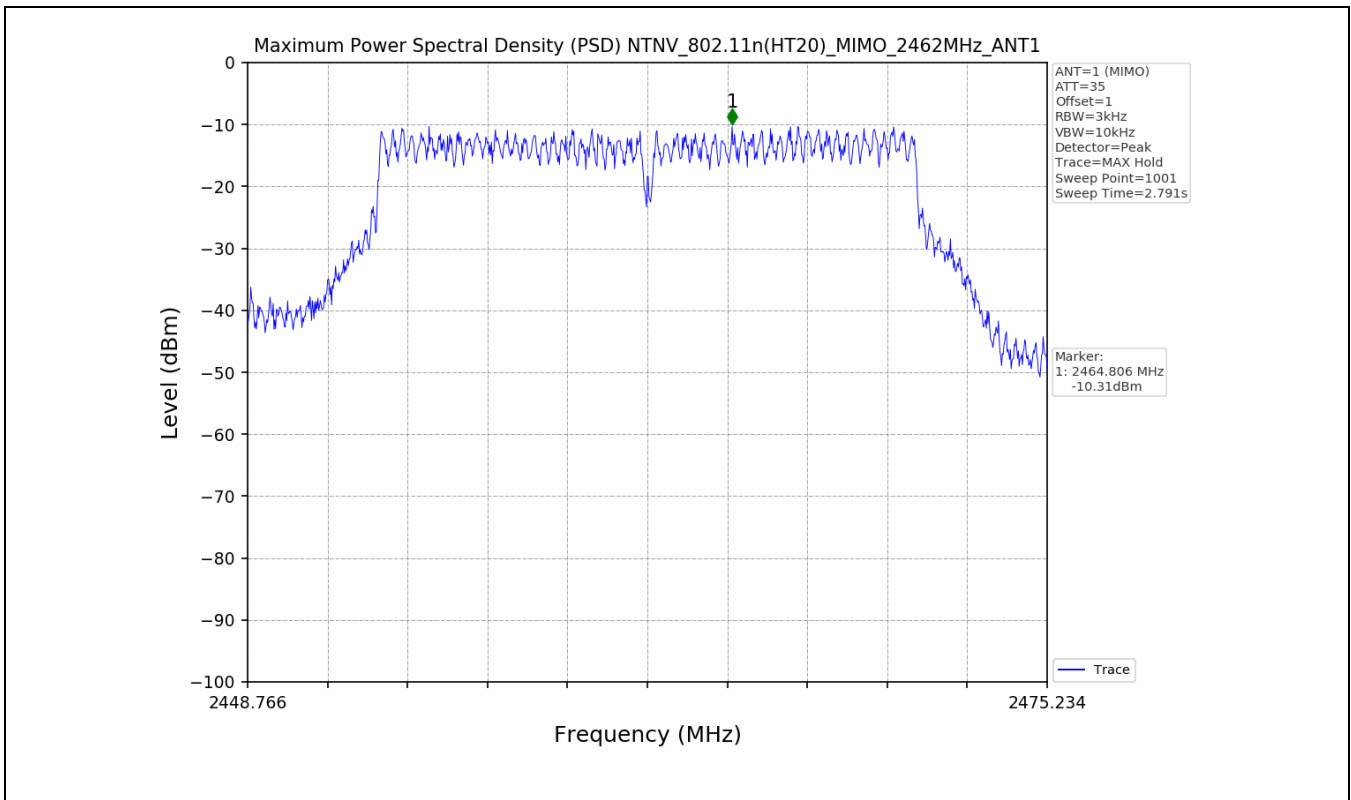
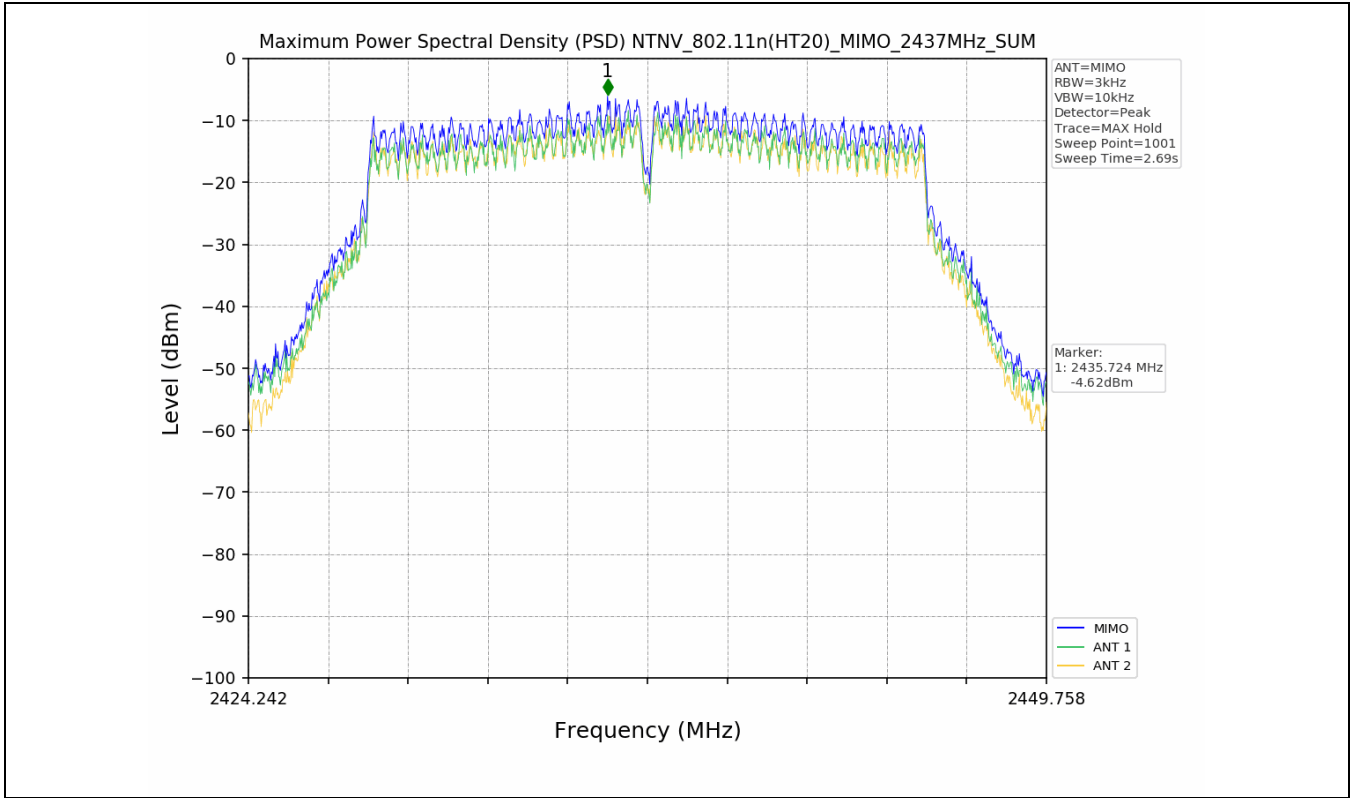


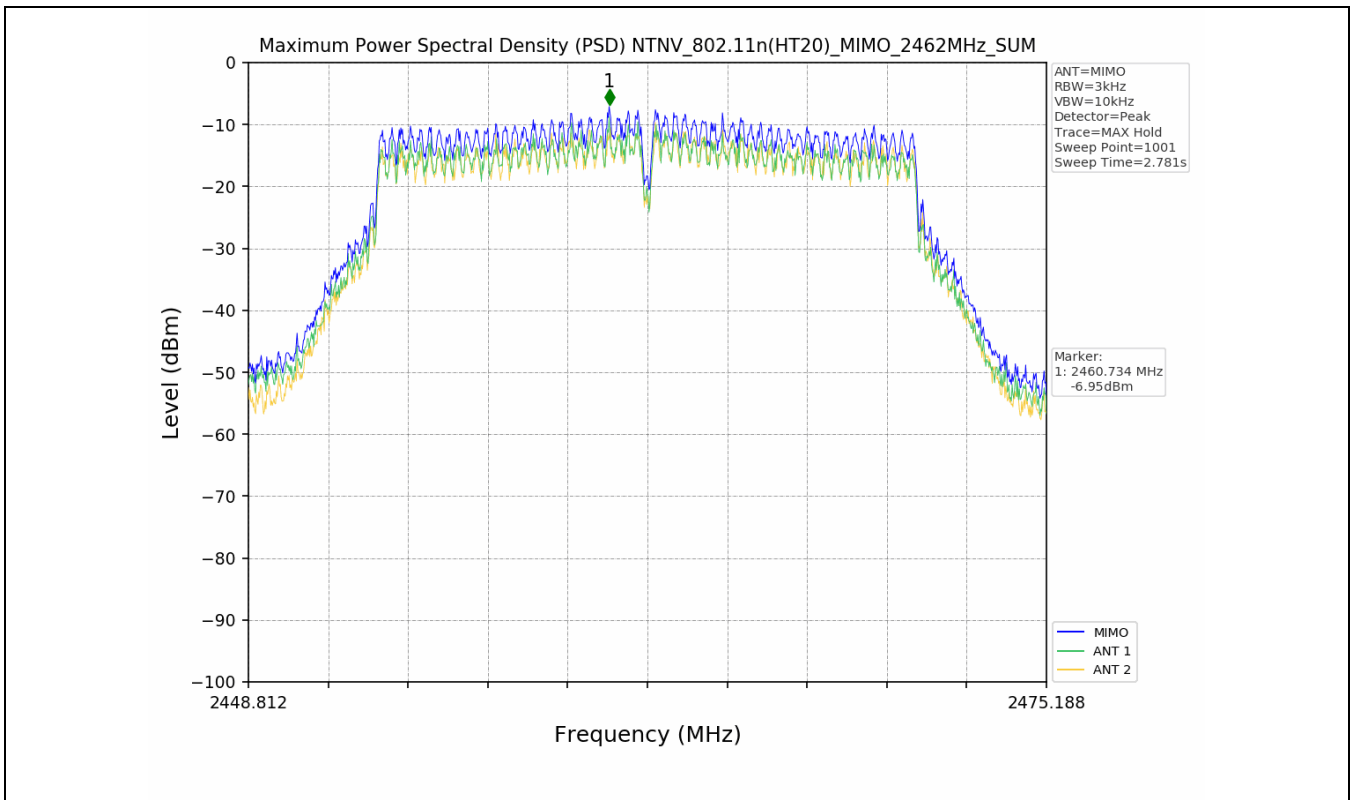
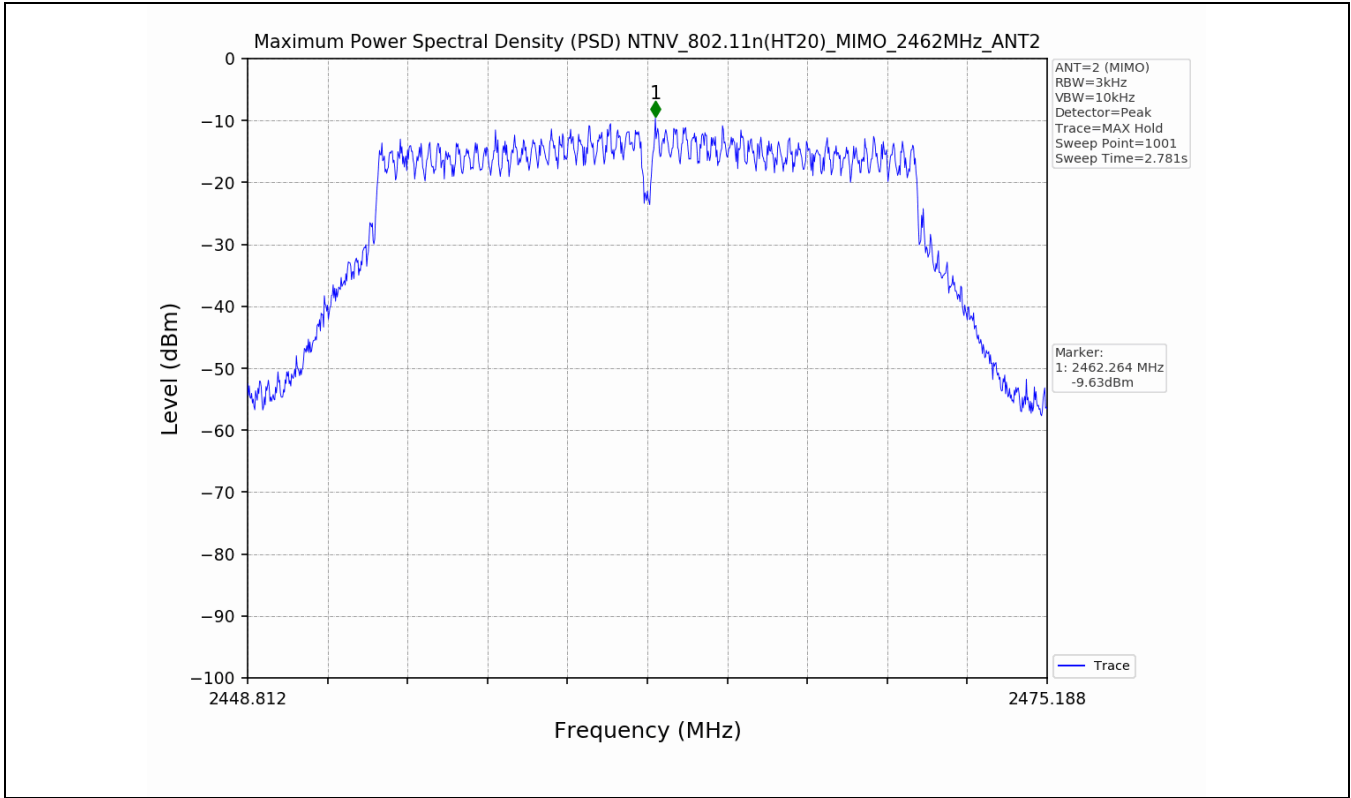












4. Unwanted Emissions in Non-restricted Frequency Bands

4.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-10.31	PASS
	2437	SISO	1	Refer to test graph	-10.31	PASS
	2462	SISO	1	Refer to test graph	-10.31	PASS
802.11g	2412	SISO	1	Refer to test graph	-14.45	PASS
	2437	SISO	1	Refer to test graph	-14.45	PASS
	2462	SISO	1	Refer to test graph	-14.45	PASS
802.11n(HT20)	2412	MIMO	MIMO	Refer to test graph	-14.36	PASS
	2437	MIMO	MIMO	Refer to test graph	-14.36	PASS
	2462	MIMO	MIMO	Refer to test graph	-14.36	PASS

5.2 Test Graph

